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AMP-aminohydrolase and glutaminase activities in the kidneys and gills of some freshwater vertebrates. Acta biochim. pol. 10 no.4:363-369 '63.

1. Department of Biochemistry, Medical School, Gdansk.
(AMINOHYDROLASES) (GLUTAMINASE)
(KIDNEY) (FISH) (HISTOCHEMISTRY)

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ZYDOWO, M.; MAKAREWICZ, W.; UMIASTOWSKI, J.; PUBZYCKA, Jadwiga

Temperature dependence of AMP deaminase reaction catalysed by muscle extracts from homeothermic and poikilothermic animals. Acta biochim. Pol. 12 no.4:319-325 '65.

1. Department of Biochemistry, Medical School, Gdansk.

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Thermal inactivation of AMP-aminohydrolase in muscle extracts of homeo- and poikilothermic animals. Bull. acad. pol. sci. [Biol.] 13 no.8:447-450 '65.

1. Submitted May 8, 1965.

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MAKAREYEV, MIKHAIL ANAN'YEVICH

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Prakticheskiye zanyatiya po tovarovedeniyu prodovol'stvennykh tovarov (Practical Lessons In The Merchandising Of Foodstuffs, by) M. A. Makareyev, i V. I. Sheynman. Moskva, Gostorgizdat, 1954.

367 p. illus., maps.

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IVIKHOV, Georgiy Sergeyevich, prof.; MAKARENKEV, Mikhail Anan'yevich; SUKHANOVA, Yekaterina Yur'yevna, kand. tekhn. nauk; SPERANSKIY, V.G., prof., red.; MAKSIMOVICH, A.G., red.; SUDAK, D.M., tekhn. red.

[Food products] Tovarovedenie prodovol'stvennykh tovarov. Pod red. V.G. Speranskogo. Moskva, Gos. izd-vo torg. lit-ry. Vol.2. [Dairy, meat, and fish products] Molochnye, miasnye i rybnye tovary. 1958. 314 p. (MIRA 11:10)

(Food)

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INIKHOV, G.S., prof.; GABRIEL'YANTS, M.A., dots.; MAKAREYEV, M.A.; SUKHANOVA, Ye.Yu., kand. tekhn. nauk; GRANOVSKAYA, I.E., red.; EL'KINA, E.M., tekhn. red.

[Guide to food products; milk, fat, eggs, meat, and fish goods] Tovarovedenie prodovol'stvennykh tovarov; tovary molochnye zhirovye, iaichnye miasnye, rybnye. Izd.2., perer. Moskva, Gostorgizdat, 1961. 383 p. (MIRA 15:1)
(Food industry)

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MAKAREYEV, Mikhail Anan'yevich; AYRIYEVA, N.S., red.; ANTSELOVICH, K.I., tekhn. red.

[Manual for laboratory and practical work in the commercial study of food commodities; meat, meat products and edible fats] Rukovodstvo k laboratornym i prakticheskim rabotam po tovarovedeniiu prodovol'stvennykh tovarov; miaso i miasnye tovary, pishchevye zhiry. Moskva, Gostorgizdat, 1963. 77 p. (MIRA 17:2)

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MAKARIAN, M.

"Planning General Maintenance Repairs and Investment Operations in Steam-Power Electric Plants" p. 257 (ENERGETIKA, Vol. 3, No. 8, August 1953, Praha, Czechoslovakia).

SO: Monthly List of East European Accessions, LC, Vol. 3, No. 5, May 1954, Unclassified

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MARAR[illegible].

Possibility of centralized repair shops for electric-power plant installation within the power trusts. p.43?

ENERGETIKA. (Ministerstvo energetiky a Ceskoslovenska vedecka technicka spolecnost pro energetiku pri Ceskoslovenske akademii ved) Praha, Czechoslovakia
Vol.4, no.10, Oct. 1955

Monthly List of East European Accessions (EEAI LC, Vol.8, no.11, Nov 1959, Uncl.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKARIAN, M.

Work system with four shifts. p. 136

ENERGETIKA. (Ministerstvo energetiky a ceskoslovenska vedecka technicka spolecnost pro energetiku pri Ceskoslovenske akademii ved)
Praha, Czechoslovakia
Vol. 5, no. 4, Apr. 1955

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11
Nov. 1959
Uncl.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

KVAPIL, M.

New methods of maintenance of installations in electric power plants. [illegible]

TECHNICKA PRACA. Czechoslovakia, Vol. [illegible], No. 11, [illegible].

Monthly List of East European Accessions (EEAI), LC, Vol. [illegible], [illegible]
Incl.

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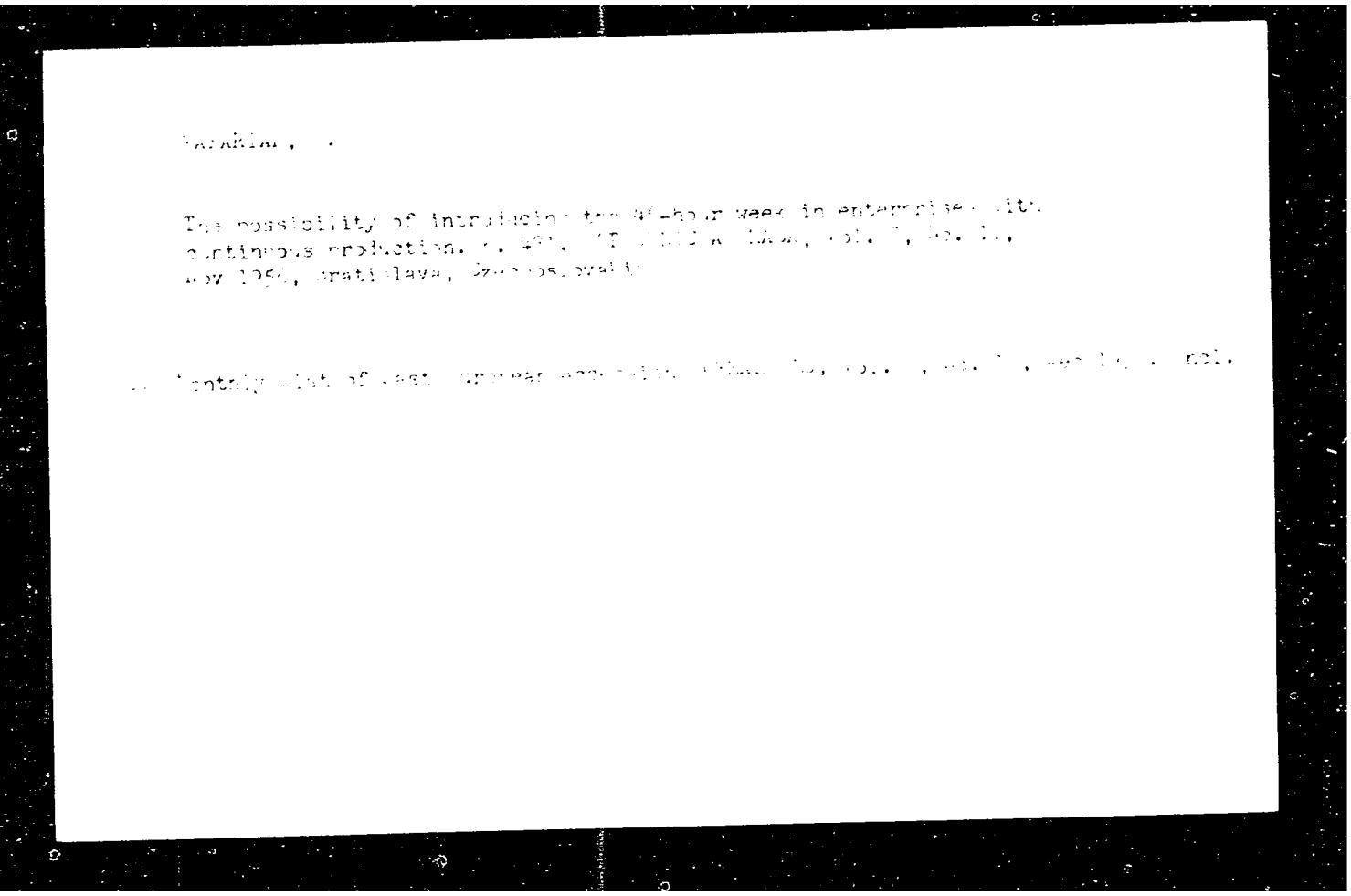

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MAKARIAN, M.

A combined method for introducing a four-shift system with a 46-hour work week. p. 193. (Energetika, Vol. 7, No. 4, Apr 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

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MAKARICHEV, A. I.

"Alimentation et activite Nerveuse Superieure,"

Paper presented at the 4th Intl. Congress of the Intl. Union of Nutritional Sciences, Paris, France, 26 July - 2 Aug 1957.

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NIKONOVICH, S.D.; MAKARICHEV, G.K.; ABUBAKIROV, N.K.

Effect of the position of double bonds in anhydrostrophanthidins on the values of extinctions of absorption peaks in the ultraviolet and visible regions of the spectrum. Zhur.ob.khim. 32 no.7:2265-2267 Jl '62. (MIRA 15:7)

1. Institut khimii rastitel'nykh veshchestv AN Uzbekskoy SSR.
(Strophanthidins--Spectra) (Chemical bonds)

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MAKARICHEV, G.K.; ABUBAKIROV, N.K.

Glucosides of plants of the genus Erysimum. Part 2: "Diffugenin"-14-monoanhydrostrophanthidin. Zhur.ob.khim. 32 no.7:2372-2377 Jl '62. (MIRA 15:7)

1. Institut khimii rastitel'nykh veshchestv AN Uzbekskoy SSR.
(Strophanthidin)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

1. MAKARICHEV, I. Z.; MORDUKHOVSKIY, M. I.; PETROV, A. YA Engs.

2. USSR (600)

4. Milling Machinery

7. Increasing the productivity of the ball drum mill 232/380. Elk. Sta. 23 no. 9, 1952.

9. Monthly List of Russian Accessions, Library of Congress, 4 January 1953. Unclassified.

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MAKARICHEV, V.V., kand.tekhn.nauk

Designing turbogenerator foundations. Stroi.prom. 27 no.8: 21-24 Ag '49. (MIRA 13:2)
(Foundations) (Turbogenerators)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

GOL'DENBLAT, I., doktor tekhn.nauk; TAL', K., kand.tekhn.nauk; BULGAKOV, V., kand.tekhn.nauk; BORISHANSKIY, M., kand.tekhn nauk; VASIL'YEV, A., kand.tekhn.nauk; TURKIN, V., kand.tekhn. nauk.; NEMIROVSKIY, Ya., kand.tekhn.nauk; MAKARICHEV, V., kand.tekhn.nauk.

Rude attempt to misappropriate achievements of the Soviet art of building. Stroi.prom. 27 no.10:18-19 O '49. (MIRA 13:2)

(Reinforced concrete construction)
(Strains and stresses)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKARICHEV, V. V.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

1. [illegible], V.V., Kan . Tekhn. [illegible]

2. USSR (600)

4. Reinforced Concrete Construction - Form - Work.

5. Determining by calculation the time when reinforced concrete forms can be removed. Otrol. [illegible]

9. Monthly List of Russian Accessions. Library of Congress, August 1952. Unclassified

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MAKARICHEV, V.V., kandidat tekhnicheskikh nauk; MATSLINSKIY, R.N., kandidat tekhnicheskikh nauk.

Manufacture of large panel ribbed slabs for roofs of industrial buildings. Biul.stroi.tekh. 10 no.13:3-6 Ag '53. (MLRA 6:10)

1. TSentral'nyy nauchno-issledovatel'skiy institut promyshlennykh sooruzheniy. (Reinforced concrete construction) (Roofs)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MYAKOV, K.N., inzhener (Glavuralpromstroy); POCHAREV, F.K., inzhener (Sevuraltyazhstroy); MAKARICHEV, V.V., kandidat tekhnicheskikh nauk; KRIVITSKIY, M.Ya., kandidat tekhnicheskikh nauk (TsNIPS).

"KAP" large panel reinforced gas concrete slabs for covering industrial buildings. Stroi.prom. vol. 31 no.9:8-11 S '53. (MLRA 6:9)
(Precast concrete construction)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKARICHEV, V.V.

MYAGKOV, K.N., inzhener; SVETLOV, S.I., inzhener; POCHTAREV, F.K., inzhener; TURKIN, V.S., kandidat tekhnicheskikh nauk; MAKARICHEV, V.V., kandidat tekhnicheskikh nauk; TESLER, P.A.; KRIVITSKIY, M.Ya., kandidat tekhnicheskikh nauk.

Large-panel apartment houses built with honeycombed concrete. (MLRA 7:2)
Stroi.prom.32 no.2:6-13 F '54.

1. Glavuralpromstroy (for Myagkov, Svetlov and Pochtarev).
2. TSentral'nyy nauchno-issledovatel'skiy institut promyshlennykh sooruzheniy (for Turkin, Mararichev, Tesler and Krivitskiy).
(Apartment houses) (Concrete construction)

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MAKARICHEV, V.V.

Conference on cellular concretes held in Berezniki. Stroi. prom. 33 no.11:45-46 N '55. (MLRA 9:2)
(Berezniki--Concrete--Congresses)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKARICHEV, V., kand. tekhn. nauk.

Production and use of porous concretes in Sweden. Stroi. mat. 3 no.12:32-35 D '57. (MIRA 13:2)
(Sweden--Air-entrained concrete)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

AUTHOR: Makarichev, V.V. (Cand.Tech.Sci.) 97-5-5/13

TITLE: Principles of the calculation of structural elements of blocks of flats constructed of cellular concrete. (Printsipy razcheta konstruktsiy sbornykh zhilykh domov iz yacheistykh betonov).

PERIODICAL: "Beton i Zhelezobeton" (Concrete and Reinforced Concrete) 1957, No.5, pp.202 - 205 (USSR).

ABSTRACT: The Building Trust Sevuraltyazhstroy, in Berezniki, erected blocks of flats of frameless panel cellular concrete constructions. These blocks are prefabricated by means of autoclaves of 2 m and 2.6 m diameter. This frameless panel construction uses load-bearing partitions spaced approximately 3.6 m apart. The floor slabs rest on these partitions. The external slabs are not load-bearing. The cellular concrete for the external walls weighs 800 kg/m^3 and has a crushing strength 40 - 50 kg/cm^2. The concrete of the internal partitions has a crushing strength of 100 - 150 kg/cm^2. A foamless ash-silicate mix weighing 1400 - 1800 kg/m^3 was also used for the concrete of internal partitions. The jointing of all the slabs is achieved by means of steel bands which are welded to special steel anchors. The panels are relatively light and weigh only

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Principles of the calculation of structural elements of blocks of flats constructed of cellular concrete. (Cont.)

2 t, they can be transported by light lorries and assembled by ordinary cranes. The joints are running along the window openings and the internal panels are 1.45 m wide and 3.04 m high. (The Leningrad Gorstroy project uses internal panels 1.4 x 2.84 m in size). The floor construction consists of slabs of 1.45 m wide and 3.6 m long. The maximum discrepancy of the units supported on the walls was proved to be allowed in the limits ± 20 mm. For mass production bigger discrepancies are acceptable and it is suggested that eccentricities of ± 40 mm can be allowed. The supported ends of the panels present considerable jointing problems as considerable compression occurs especially in the case of large eccentricities which often cause failures. The TsNIPS(ЦНИПС) investigated these problems on solid and hollow panels during 1955 (viz. Fig.3). The cellular panels are manufactured in the above factory by the autoclave process. The quality of the mix (according to tests on cubes of 200 m^3) has a crushing strength of 130 - 200 kg/cm^2. The internal load-bearing slabs should be made of a 20% stronger mix than that determined by calculations, i.e. the crushing strength should be 100 - 110 kg/cm^2 instead of 80 - 90 kg/cm^2.

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MAKARICHEV, V.V., kand.tekhn.nauk; MATSELINSKIY, R.N., kand.tekhn. nauk; GORYACHEVA, T.V., red.izd-va; RUDAKOVA, N.I., tekhn.red.

[Large-panel reinforced concrete members of industrial buildings; results of design developments and experimental studies] Krupnopanel'nye zhelezobetonnye konstruktsii proizvodstvennykh zdanii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1959. 101 p. (Akademiia stroitel'stva i arkhitektury SSSR. Institut betona i zhelezobetona. Perovo. Nauchnoe soobshchenie, no 6) (MIRA 12:9)

(Precast concrete construction)
(Factories--Design and construction)

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MURASHEV, V.A., prof., doktor tekhn.nauk; MIRONOV, S.A., prof., doktor tekhn.nauk; ALEKSANDROVSKIY, S.V., kand.tekhn.nauk; TAL', K.Z., kand.tekhn.nauk; DMITRIYEV, S.A., kand.tekhn.nauk; MULIN, N.M., kand.tekhn.nauk; SIGALOV, E.Ye., kand.tekhn.nauk; NEMIROVSKIY, Ya.M., kand.tekhn.nauk; TABENKIN, N.L., inzh. [deceased]; KALATUROV, B.A., kand.tekhn.nauk; BRAUDE, Z.I., inzh.; KRYLOV, S.M., kand.tekhn.nauk; FOKIN, K.F., doktor tekhn.nauk; GUSEV, N.M., prof., doktor tekhn.nauk; YAKOVLEV, A.I., inzh.; KORENEV, B.G., prof., doktor tekhn.nauk; DERESHKEVICH, Yu.V., inzh.; MOSKVIN, V.M.; LUR'YE, L.L., inzh.; MAKARICHEV, V.V., kand.tekhn.nauk; SHEVCHENKO, V.A., inzh.; VASIL'YEV, B.F., inzh.; KOSTYUKOVSKIY, M.G., kand.tekhn.nauk; MAGARIK, I.L., inzh.; IL'YASHEVSKIY, Ya.A., inzh.; LARIKOV, A.F., inzh.; STULOV, T.T., inzh.; TRUSOV, L.P., inzh.; LYUDKOVSKIY, I.G., kand.tekhn.nauk; POPOV, A.N., kand.tekhn. nauk; VINOGRADOV, N.M., inzh.; USHAKOV, N.A., kand.tekhn.nauk; SVERDLOV, P.M., inzh.; TER-OVANESOV, G.S., inzh.; GLADKOV, B.N., kand.tekhn.nauk; KOSTOCHKINA, G.V., arkh.; KUREK, N.M.; OSTROVSKIY, M.V., kand.tekhn.nauk; PEREL'SHTEYN, Z.M., inzh.; BUKSHTEYN, D.I., inzh.;

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MURASHEV, V.A.---(continued) Card 2.
MIKHAYLOV, V.G., kand.tekhn.nauk; SIGALOV, E.Ye., kand.tekhn.nauk; GVOZDEV, A.A., prof., retsenzent; MIKHAYLOV, V.V., prof., retsenzent; PASTERNAK, P.L., prof., retsenzent; SHUBIN, K.A., inzh., retsenzent; TEMKIN, L.Yo., inzh., nauchnyy red.; KOTIK, B.A., red. izd-va; GORYACHEVA, T.V., red.izd-va; MEDVEDEV, L.Ya., tekhn.red.

[Handbook for designers] Spravochnik proektirovshchika. Pod obshchei red. V.I.Murasheva. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam. Vol.5. [Precast reinforced concrete construction elements] Sbornye zhelezobetonnye konstruktsii. 1959. 603 p. (MIRA 12:12)

1. Akademiya stroitel'stva i arkhitektury SSSR. Nauchno-issledovatel'skiy institut betona i zhelezobetona, Perovo. 2. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Murashev, Gvozdev, Mikhaylov,V.V., Pasternak, Shubin). 3. Chlen-korresp. Akademii stroitel'stva i arkhitektury SSSR (for Mironov, Gusev, Moskvin, Kurek).
(Precast concrete construction)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKARICHEV, V.V., kand.tekhn.nauk

Using porous concrete members in housing and industrial construction. Bet. i zhel.-bet. no.2:52-58 F '59. (MIRA 12:3)
(Lightweight concrete)

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MAKARICHEV, V.V., kand.tekhn.nauk

Modern construction elements made of porous concrete. Trudy NIIZHB no.8:11-19 '59. (MIRA 13:4)

1. Nauchno-issledovatel'skiy institut betona i zhelezobetona Akademii stroitel'stva i arkhitektury SSSR.
(Precast concrete construction)
(Lightweight concrete)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKARICHEV, V.V., kand.tekhn.nauk; KOSTOCHKINA, T.V., nauchnyy sotrudnik; IFTINKA, G.A., red.izd-va; SHERSTNEVA, N.V., tekhn.red.

[Instructions for finishing the exterior surfaces of porous concrete articles with cement paints] Ukazaniia po otdelke naruzhnykh poverkhnostei izdelii iz iacheistykh betonov tsementnymi kraskami. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1960. 24 p. (MIRA 14:4)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut betona i zhelezobetona, Perovo.
(Concrete coating)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKARICHEV, V.V., kand. tekhn. nauk; LEVIN, N.I., kand. tekhn.nauk; KUDRYASHEV, I.T., kand. tekhn. nauk, retsenzent [deceased]; RABINOVICH, A.I., kand. tekhn. nauk, retsenzent; GUSAKOV, V.N., kand. tekhn. nauk, retsenzent; GLOTOVA, L.V., red. izd-va; SHERSTNEVA, N.V., tekhn. red.

[Designing elements madeofcellular concrete] Raschet konstruktsii iz iacheistykh betonov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 153 p. (MIRA 14:9)
(Precast concrete)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKARICHEV, V.V.; TRIFONOV, V.G.

Panels made of foamed ash concrete for walls of industrial buildings. Prom. stroi. 39 no.5:19-22 '61. (MIRA 14:7)
(Donets Basin—Precast concrete construction)
(Lightweight concrete)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MOROZOV, N.V., kand. tekhn. nauk; MARTUMYAN, A.K., kand. tekhn. nauk; ANTIPOV, T.P., arkhit.; KOCHESHKOV, V.G., inzh.; LISAGOR, I.A., inzh.; TSAPLEV, N.N., inzh.; IVASHKOVA, V.K., kand. tekhn. nauk; SHIKUNOV, I.Ya., inzh.; FILIN, Yu.D., inzh.; MOSTAKOV, V.I., [illegible]; PANKRATOV, V.F., inzh.; RUBANENKO, B.R., glav. red.; ROZANOV, N.P., zam. glav. red.; ONUFRIYEV, I.A., red.; YUDIN, Ye.Ya., red.; NASONOV, V.N., red.; ISILOROV, V.V., red.; MAKARICHEV, V.V., red.; POLUBNEVA, V.I., red.

[Ways of improving design details for the seams of exterior wall slabs] Puti uluchsheniia konstruktivnykh reshenii stykov panelei naruzhnykh sten. Moskva, TSentr. biuro tekhn. informatsii i nauchno-issl. in-ta organizatsii, mekhanizatsii i tekhn. pomoshchi stroit., 1962. 78 p. (MIRA 16:8)

1. TSentral'nyy nauchno-issledovatel'skiy i proyektno-eksperimental'nyy institut industrial'nykh zhilykh i massovykh kul'turno-bytovykh zdaniy (for TSaplev). 2. Nauchno-issledovatel'skiy institut betona i zhelezobetona Akademii stroitel'stva i arkhitektury SSSR, Perovo (for Mostakov). 3. Vsesoyuznyy nauchno-issledovatel'skiy institut novykh stroitel'nykh materialov Akademii stroitel'stva i arkhitektury SSSR (for Pankratov).

(Walls)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKARICHEV V.V.

FRENKEL', I.M., kand. tekhn. nauk; MIRONOV, S.A., doktor tekhn. nauk, prof.; BARANOV, A.T., kand. tekhn. nauk; BUZHEVICH, G.A., kand. tekhn. nauk; MIKHAYLOV, K.V., kand. tekhn. nauk; MULIN, N.M., kand. tekhn. nauk; KHAYDUKOV, G.K., kand. tekhn. nauk; KORNEV, N.A., kand. tekhn.nauk; TESLER, P.A., kand. tekhn. nauk; BERDICHEVSKIY, G.I., kand. tekhn. nauk; VASIL'YEV, A.P., kand. tekhn. nauk; LYUDKOVSKIY, I.G., kand. tekhn. nauk; SVETOV, A.A., kand. tekhn. nauk; CHIRENKOV, Yu.V., kand. tekhn. nauk; BELOBROVYY, .K., inzh.; KLEVTSOV, V.A., inzh.; DOBROMYSLOV, N.S., arkh.; DESOV, A.Ye., doktor tekhn. nauk, prof.; LITVER, S.L., kand. tekhn. nauk; PISHCHIK, M.A., inzh.; SKLYAR, B L., inzh.; POPOV, A.P., kand. tekhn. nauk; NEKRASOV, K.D., doktor tekhn. nauk, prof.; MILOVANOV, A.F., kand. tekhn. nauk; TAL', K.E., kand. tekhn. nauk; KALATUROV, B.A., kand. tekhn. nauk; KARTASHOV, K.N., red.; MAKARICHEV, V.V., kand. tekhn. nauk, red.; YAKUSHEV, A.A., inzh., nauchnyy red.; BEGA, B.A., red. izd-va; NAUMOVA, G.D., tekhn. red.

[Reinforced concrete products; present state and prospects for development]Zhelezobetonnye konstruktsii; sostoianie i perspektivy razvitiia. Pod obshchei red. K.N.Kartashova i V.V.Makaricheva. Moskva, Gosstroiizdat, 1962. 279 p. (MIRA 15:8)

(Continued on next card)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

FRENKEL',I.M.---(continued) Card 2.

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut betona i zhelezobetona, Perovo. 2. Chlen-korrespondent Akademii stroitel'stva i arkhitektury SSSR (for Kartashov). 3. Chlen-korrespondent Akademii stroitel'stva i arkhitektury SSSR (for Mironov). 4. Gosudarstvennyy institut tipovogo proyektirovaniya i tekhnicheskikh issledovaniy (for Berdichevskiy, Vasil'yev, Lyudkovskiy, Svetov, Chinenkov, Belobrovyy, Klevtsov, Dobromyslov). 4. Vsesoyuznyy gosudarstvennyy proyektno-konstruktorskiy institut (for Desov, Litver, Pishchik).

(Precast concrete)

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MAKARICHEV, V.V., kand. tekhn. nauk, red.; ALEKSANDROVSKIY, S.V., kand. tekhn. nauk, nauchnyy red.; KUZNETSOVA, M.N., red. izd-va; GOL'BERG, T.M., tekhn. red.

[Proceedings of the Coordinating Conference on Methods of Laboratory Studies of Deformations and Strength of Concrete, Reinforcement and Reinforced Concrete Elements] Trudy koordinatsionnogo soveshchaniia po metodike laboratornykh issledovanii deformatsii i prochnosti betona, armatury i elementov zhelezobetonnykh konstruktsii, 1961. Pod red. V.V.Makaricheva. Moskva, Gosstroizdat, 1962. 333 p. (MIRA 16:2)

1. Koordinatsionnoye soveshchaniye po metodike laboratornykh issledovaniy deformatsiy i prochnosti betona, armatury i zhelezobetonnykh konstruktsiy, 1961.
(Building materials--Testing)

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MAKARICHEV, V.V., kand. tekhn. nauk, red.; ALEKSANDROVSKIY, S.V., kand. tekhn. nauk, nauchn. red.

[Methods of laboratory research in the deformation and strength of concrete, reinforcements, and reinforced concrete structures; proceedings of a coordinating conference] Metodika laboratornykh issledovanii deformatsii i prochnosti betona, armatury i zhelezobetonnykh konstruktsii; trudy. Pod red. V.V.Makaricheva. Moskva, Gosstroiizdat, 1962. 333 p. (MIRA 17:5)

1. Koordinatsionnoye soveshchaniye po metodike laboratornykh issledovaniy deformatsii i prochnosti betona, armatury i elementov zhelezobetonnykh konstruktsiy. 1961.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

VAYNBERG, G.D., inzh.; KRICHEVSKAYA, Ye.I., kand. tekhn. nauk; MAZALOV, A.N., inzh.; ROZENFEL'D, A.G., inzh.; FOLOMIN, A.I., doktor tekhn. nauk; TESLER, F.A., kand. tekhn. nauk; SHOLOKHOV, V.G., arkhit.; RUBANENKO, B.R., glav. red.; ROZANOV, N.P., zam. glav. red.; ONUFRIYEV, I.A., red.; YUDIN, Ye.Ya., red.; NASONOV, V.N., red.; ISIDOROV, V.V., red.; MAKARICHEV, V.V., red.; POLUBNEVA, V.I., inzh., red.

[Improving the durability of industrial built-up roofs] Voprosy povysheniia dolgovechnosti industrial'nykh sovmeshchennykh krysh. Moskva, Gosstroiizdat, 1962. 43 p. (MIRA 17:4)

1. Akademiya stroitel'stva i arkhitektury SSSR. Nauchno-issledovatel'skiy institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu. 2. TSentral'nyy nauchno-issledovatel'skiy i proyektno-eksperimental'nyy institut industrial'nykh, zhilykh i massovykh kul'turno-bytovykh zdaniy Akademii stroitel'stva i arkhitektury SSSR (for Vaynberg, Krichevskaya, Mazalov, Rozenfel'd, Folomin). 3. Nauchno-issledovatel'skiy institut stroitel'noy fiziki Akademii stroitel'stva i arkhitektury SSSR (for Sholokhov). 4. Nauchno-issledovatel'skiy institut betona i zhelezobetona Akademii stroitel'stva i arkhitektury SSSR, Perovo (for Tesler).

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

NIKOL'SKIY, V.N., kand. tekhn. nauk; SPIVAK, N.Ya., kand. tekhn. nauk; BAULIN, D.K., inzh.; BUADZE, V.Sh., inzh.; KREYTAN, V.G., kand. tekhn. nauk; PERMYAKOV, S.I., kand. tekhn. nauk; USOV, A.L., inzh.; KOSHKIN, V.G., kand. tekhn. nauk; MARAVIN, B.L., inzh.; ERENBURG, A.I., inzh.; KOCHESHKOV, V.G., inzh.; RUBANENKO, B.R., glav. red.; ROZANOV, N.P., zam. glav. red.; OKUFRIYEV, I.A., red.; YUDIN, Ye.Ya., red.; NASONOV, V.N., red.; ISIDOROV, V.V., red.; MAKARICHEV, V.V., red.; FINKINSHTEYN, B.A., inzh. red.;

[Prefabricated floor and ceiling structures] Poly i perekrytiia industrial'noi konstruktsii. Moskva, Gosstroiizdat, 1963. 71 p. (MIRA 16:12).

1. Akademiya stroitel'stva i arkhitektury SSSR. TSentral'nyy nauchno-issledovatel'skiy i eksperimental'no-proyektnyy institut industrial'nykh zhilykh i massovykh kul'turno-bogatykh zdaniy. 2. Nauchno-issledovatel'skiy institut stroitel'noy fiziki i ograzhdayushchikh konstruktsii (for Nikol'skiy, Usov). 3. TSentral'nyy nauchno-issledovatel'skiy i eksperimental'no-proyektnyy institut industrial'nykh zhilykh i massovykh kul'turno-bogatykh zdaniy (for Buadze, Baulin, Spivak, Kreytan, Kocheshkov). 4. Vsesoyuznyy nauchno-issledovatel'skiy institut novykh stroitel'nykh materialov Akademii stroitel'stva i arkhitektury SSSR (for Erenburg).

(Floors) (Ceilings)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKARICHEV, V.V.

Preface. Trudy NIIZHB no.33:3 '64. (MIRA 18:)

1. Direktor Nauchno-issledovatel'skogo instituta betona i zhelezobetona, Gosstroya SSSR.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKARICHEVA, A.D., assistent

Some recommendations for decreasing blood loss in multiple births. Akush.i gin. no.5:63-67 '61. (MIRA 15:1)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. S.L. Keylin) Novosibirskogo meditsinskogo instituta.
(LABOR (OBSTETRICS)) (HEMORRAGE, UTERINE)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

GERSHANOVICH, I.M.; MAKARIDIN, N.A.

Method of measuring the volumetric flow rate in a hole for solving a series of hydrogeologic problems. Geofiz.razved. no.7:102-110 '62. (MIRA 15:7)

(Mine water)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKARIDZE , A.M.:

MAKARIDZE, A.M.: "Material on the antitoxic function of the liver in schizophrenia". Tbilisi, 1955. Georgian Publishing House for Medical Literature. Tbilisi State Medical Inst. (Dissertations for the Degree of Candidate of Medical Sciences.)

So. Knizhnaya letopis'. No. 49, 3 December 1955. Moscow.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKARIDZE, M.M.

"On leucocyte blood charts in exanthematous typhoid", authors: M.A. Yasinovskiy, V.A. Nemsadze, T.N. Tsutsunava, and M.M. Makaridze, Vracheb. delo, 1949, No. 1, paragraphs 45-48.

SO: U-3042, 11 March 53, (Letopis 'nykh Statey, No. 9, 1949)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKARIDZE, .V.Ya., assistent.

Selecting an efficient curvature for mountain roads. Avt.dor.20 no.1:25 Ja '57. (MLRA 10:3)
(Curves in engineering)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

69362

SOV/123-59-19-79157

Translation from: Referativnyy zhurnal. Mashinostroyeniye, 1959, Nr 19, p 181 (USSR)

1.1000 24 4000

AUTHOR: Makarikhin, S.I.

TITLE: Investigation of the Accuracy of Pitch Detectors With Quasi-Radial Proportional Correction

PERIODICAL: Tr. Leningr. in-t aviats. priborostr., 1958, Nr 19, pp 33 - 49

ABSTRACT: The author analyzes the problem on the effect of axial and radial backlash in the suspension bearings of the longitudinal-transverse gyroscopic stabilizer on its accuracy, taking into consideration the correction moments and the dry friction within the bearings. Clearances shift the center of gravity of the gyroscope assembly relative to the point of support. An analysis of the analytical functions, both for the case of a fixed basis and with allowance for the deviation from the earth rotation, shows that utmost accuracy of the device is obtained if there is no clearance along the inner axle of the gyroscope and no free play moment in relation to this axle. 9 figures, 4 references.

K.G.N.

Card 1/1

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

S/124/60/000/004/002/027
A005/A001

Translation from: Referativnyy zhurnal, Mekhanika, 1960, No. 4, p. 9, # 4251

AUTHOR: Makarikhin, S.I.

TITLE: On the Precision of the Gyro Vertical With Quasiradial Proportional Correction at Aircraft Cornering

PERIODICAL: Tr. Leningr. in-t aviats. priborostr., 1958, No. 26, pp. 41-55

TEXT: The trajectories of the gyro vertex are plotted in the image plane under airplane cornering conditions, assuming that play exists in the gyroscope suspension bearings.

Ya.N. Roytenberg

Translator's note: This is the full translation of the original Russian abstract.

Card 1/1

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

2*345 S/124/61/000/007/005/044
A052/A101

13,9520

AUTHOR: Makarikhin, S. I.

TITLE: The effect of axial and radial clearances on the precision of work of the vertical flight gyroscope

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 7, 1961, 21, abstract 7A197 (V sb. "1-ya Mezhvuz. nauchno-tekhn. konferentsiya po probl. sovrem giroskopii". Leningrad, 1960, 44-61)

TEXT: The problem of the effect of axial and radial clearances in the overhung bearings of the longitudinal-lateral stabilizer on the precision of its work (with an allowance for the correction moments and dry friction moments) is considered. By means of Lagrange methods equations of motion for small precession angles are compiled. It is shown that the origination of moments due to the axial and radial clearance in the bearings of the internal cardan ring as well as the radial clearance in the bearing of the principal axis of the vertical flight gyroscope leads to a shift of the dead zone in relation to that conditioned by the dry friction moments only. An evaluation of the optimum accuracy of the instrument is given.

V. Karamyshkin

[Abstracter's note: Complete translation]

Card 1/1

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

S/[illegible]/004/[illegible]
D235/D301

13,952

AUTHOR: Makarikhin, S. I.

TITLE: On the character of motion of a gyroscope in the presence of a displacement of the center of gravity and friction

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy Priborostroyeniye, v. 4, no. 6, 1961, 96-108

TEXT: The author refers to several previous works by others and states that the problem is solved here with the aid of the "image point" method, for a gyroscope with horizontal external axis. The effect of the displacement of the center of gravity, of the correcting moments and viscous friction is considered. Ye. L. Nikolai (Ref. 1: Doklady AN SSSR, gl. XXXVIII, no. 2-3, 1943) D. N. Klimov (Ref. 3: Doklady AN SSSR, gl. 123, no. 3, 1958) and N. V. Butenin (Ref. 4 and 5: Priborostroyeniye, v.III, no. 4 and 5, 1960 are mentioned for their contributions in this field. This article was recommended by the Orgkomitet III mezhvuzovskoy nauchno-tekh

Card 1/2

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

S/[illegible]/[illegible] 0[illegible] C20
D235/D301

On the character of motion ...

nicheskoy konferentsii po giroskopicheskoy tekhnike (Organizatsion
Committee III of the Intercollegiate Scientific-Technical [illegible]
rence on Gyroscopic Techniques). There are 3 figures and [illegible] Soviet-
bloc references.

ASSOCIATION: Leningradskiy institut aviatsionnogo prot[illegible]
nia (Leningrad Institute of Aviation Instrumenta
tion)

SUBMITTED: February [illegible] 1[illegible]

Card 2/[illegible]

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

ACCESSION NR: AP4018999 S/0146/64/007/001/0087/0094

AUTHOR: Makarikhin, S. I.

TITLE: Theory of single-gyro frame

SOURCE: IVUZ. Priborostroyeniye, v. 7, no. 1, 1964, 87-94

TOPIC TAGS: gyro, gyroscope, single gyro, gimbal, gyro frame, single axis gyro

ABSTRACT: The motion of a single-axis single-gyro frame fixed to the Earth is theoretically considered. The system is stabilized by a motor with a nonsymmetrical-characteristic amplifier. The right members of the differential equations that describe the gyro-system motion are represented by disturbing moments due to displacement of the system mass center and to the system correction. It is found that the asymmetry of the amplifier characteristic does affect the stability of the gyro system and its drift around the external gyro-

Card 1/2

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

ACCESSION NR: AP4018999

suspension axis. Formulas are found that express the conditions of maximum stability and minimum effect of the amplifier asymmetry. Orig. art. has: 4 figures, 24 formulas, and 1 table.

ASSOCIATION: Leningradskiy institut aviatsionnogo priborostroyeniya (Leningrad Institute of Aviation Instruments)

SUBMITTED: 29Dec62 DATE ACQ: 23Mar64 ENCL: 00

SUB CODE: AE, CG NO REF SOV: 006 OTHER: 000

Card 2/2

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

L 18542-66 EWT(d)/FSS-2/EWT(1)/EWT(m)/EEC(k)-2 JD/BC

ACC NR: AP6002176 SOURCE CODE: UR/0146/65/008/006/0084/0090

38

AUTHOR: Lebedev, D. V.; Makarikhin, S. I.

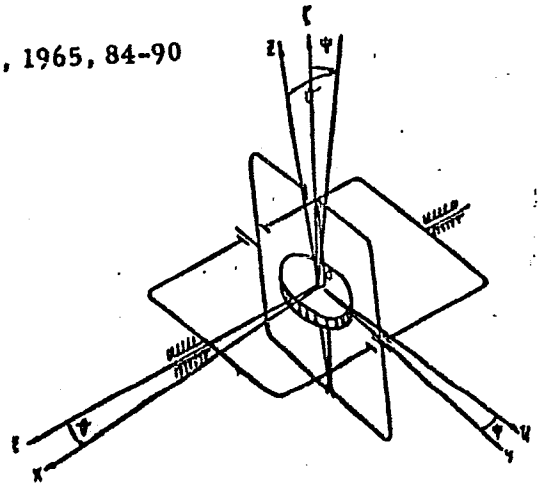
ORG: Leningrad Institute of Aviation Instruments (Leningradskiy institut aviatsionnogo priborostroyeniya)

TITLE: Drift of a gyroscope having variable kinetic moment and offset mass center and subjected to constant overloads

SOURCE: IVUZ. Priborostroyeniye, v. 8, no. 6, 1965, 84-90

TOPIC TAGS: gyroscope, gyroscope error

ABSTRACT: Reaction-start gyros having variable kinetic moments of their rotors are analyzed. Systematic drifts of such a free gyroscope subjected to constant overloads are considered; the gyro mass center is offset by $z = -a$ (see figure). Differential equations of the motion of such a gyro are set up, solved, and a formula for the drifts is derived. The drifts are due to the fact that the aerodynamic-resistance and friction



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Card 1/2

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

L 18542-66

ACC NR: AP6002176

torques acting during the rotor free run are projected on the axis of outer-gimbal rotation, which causes a precession of the gyroscope with relation to the inner gimbal axis. It is found that a free gyro of the above type has a continuous drift of both the outer and inner axes. Even an ideal (a = 0) gyro does not hold its axis in the constant position in space; it has an inner-axis drift. Orig. art. has: 1 figure and 32 formulas.

SUB CODE: 17 / SUBM DATE: 01Jul64 / ORIG REF: 001

Card 2/2 MJS

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKARIDZE, V. Ya., Cand of Tech Sci -- (diss) "Investigation of Geometric Elements of Highways in Georgian SSR," Saratov, 1959, 2- pp (Moscow Automobile Highways Institute, Chair of Planning and Projecting Roads) (KL, 1-60, 122)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKARIKOV, V.I., inzh.; ADLERSHTEYN, L.S., inzh.

Experience in launching ships. Sudostroenie 25 no.1:72-73 Ja '59.
(MIRA 12:3)

(Ships--Launching)

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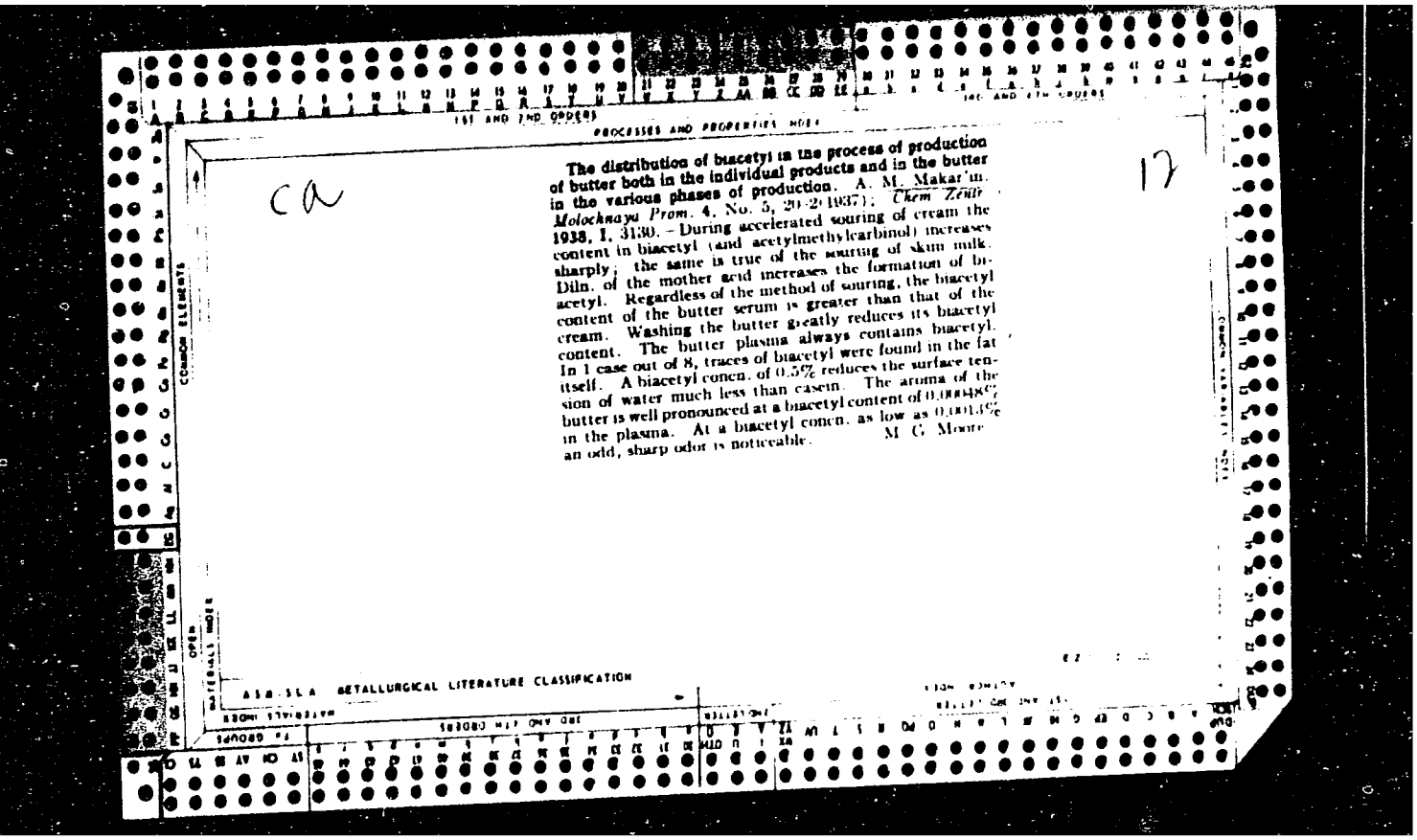

CA

17

The distribution of biacetyl in the process of production of butter both in the individual products and in the butter in the various phases of production. A. M. Makar'in. *Molochnaya Prom.* 4, No. 5, 20–2(1937); *Chem. Zentr.* **1938, I,** 3130. – During accelerated souring of cream the content in biacetyl (and acetylmethylcarbinol) increases sharply; the same is true of the souring of skim milk. Dilu. of the mother acid increases the formation of biacetyl. Regardless of the method of souring, the biacetyl content of the butter serum is greater than that of the cream. Washing the butter greatly reduces its biacetyl content. The butter plasma always contains biacetyl. In 1 case out of 8, traces of biacetyl were found in the fat itself. A biacetyl concn. of 0.5% reduces the surface tension of water much less than casein. The aroma of the butter is well pronounced at a biacetyl content of 0.00048% in the plasma. At a biacetyl concn. as low as 0.0013% an odd, sharp odor is noticeable. M. G. Moore

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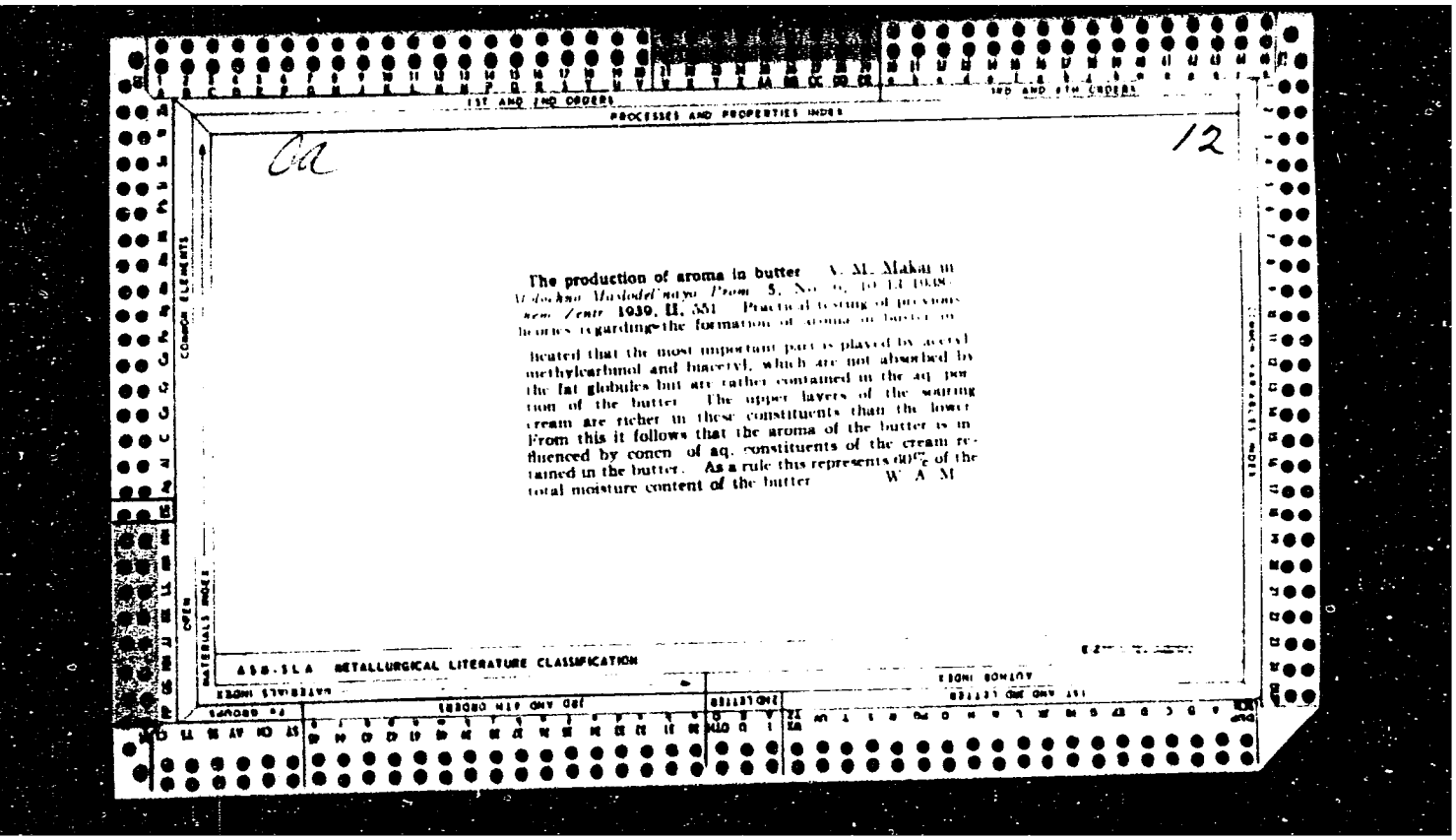

PROCESSES AND PROPERTIES INDEX

12

The production of aroma in butter V. M. Makai in *Molochnoe Maslodel'noye Prom.* S. No. 6, 10-14 (1938); *new Zentr.* **1939, II**, 551. Practical testing of previous theories regarding the formation of aroma in butter in dicated that the most important part is played by acetyl methylcarbinol and biacetyl, which are not absorbed by the fat globules but are rather contained in the aq. portion of the butter. The upper layers of the waiting cream are richer in these constituents than the lower. From this it follows that the aroma of the butter is influenced by concn. of aq. constituents of the cream retained in the butter. As a rule this represents 60% of the total moisture content of the butter. W. A. M.

A 55-5 L A METALLURGICAL LITERATURE CLASSIFICATION

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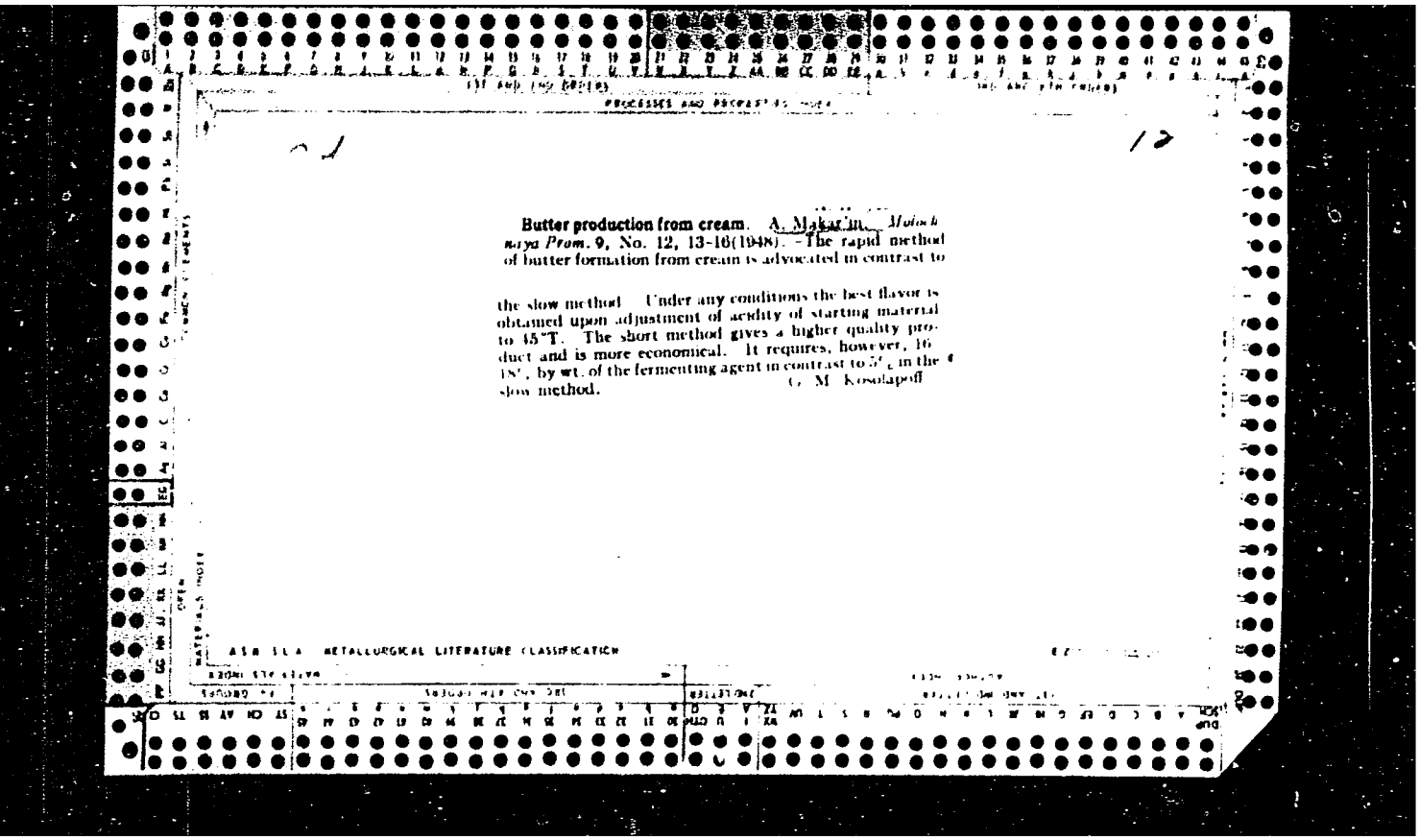

Butter production from cream. A. Makar'in. *Molochnaya Prom.* 9, No. 12, 13-16(1948). The rapid method of butter formation from cream is advocated in contrast to the slow method. Under any conditions the best flavor is obtained upon adjustment of acidity of starting material to 45°T. The short method gives a higher quality product and is more economical. It requires, however, 16-18%, by wt. of the fermenting agent in contrast to 5% in the slow method. G. M. Kosolapoff

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKAPIT, A

Cheese - Bibliography

rock-like mold and texture [illegible]

Monthly List of Russian Accessions, Library of Congress, May [illegible], Unclassified.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKAR'IN, A.

Butter

Use of sulfer salts to increase durability of butter. Mol. prom. 13, [illegible], [illegible].

Monthly List of Russian Accessions, Library of Congress, December [illegible]. Unclassified

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKAR'IN, A.

The humidity of air and the distribution of salt in Dutch cheese. Molochnaya Prom. 14, No.7, 34 '53. (MIRA 6:6)
(CA 47 no.22:12680 '53)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKAR'IN, A.

Use of oily films on cheese in the ripening stage. Moloch.prom. 18 no.3:12-14 '57. (MLRA 10:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut maslodel'noy i syrodel'noy promyshlennosti.
(Cheese)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKAR'IN, A.

Causes of mold under cheese rind. Moloch. prom. 18 no.4:41 '57.
(Cheese) (MLRA 10:4)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKAR'IN, A.

Movable rack for Swiss cheese. Moloch. prom. 18 no.6:36-37 '57.
(MLRA 10:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut maslodel'noy i syrodel'noy promyshlennosti.
(Cheese industry--Equipment and supplies)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKAR'IN, Aleksandr Mikhaylovich, kand. tekhn. nauk; GISIN, I.B., kand. sel'khoz. nauk, spetsred.; IVANOVA, N.M., red.; PEREDERIY, S.P., tekhn. red.

[Production of soft cheeses] Proizvodstvo miagkikh syrov. Moskva, Pishchepromizdat, 1960. 93 p. (MIRA 15:3)
(Cheese)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKAR'IN, A.M.

[Work experience of the "Leningrad" Cheese Factory in Krasnodarsk Territory] Opyt raboty Leningradskogo syrodel'nogo zavoda Krasnodarskogo kraia. Moskva, 1963. 22 p. (MIRA 17:8)

.. Moscow. Tsentral'nyy institut nauchno-tekhnicheskoy informatsii pishchevoy promyshlennosti.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

ALEK[illegible]; KOZHEVNIKOV, [illegible]; LEBEDEVA, K.S.; MAKAR'IN, [illegible]; MALENKOVA, A.I.; [illegible] LAYEV, A.M.; ROZANOV, A.A.

[Technological instructions for the production of cheese] Tekhnologicheskie instruktsii po proizvodstvu syra. Utverzhdeny VZNKh. 2. izd. Moskva, TSintipishcheprom, [illegible]. 161 p. (MIRA 18:5)

[illegible] Vsesoyuznyy nauchno-issledovatel'skiy institut maslodel'noy i syrodel'noy promyshlennosti.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

ALEKHIN, S.V., doktor tekhn.nauk, prof.; MAKAR'IN, A.M., aspirant

Investing the thin coatings made from polymer materials in relation to their use for railroad rolling stock. Sbor.trud. LIIZHT no.197:116-136 '62. (MIRA 16:8)
(Railroads--Equipment and supplies) (Plastic films)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKARIN, K. I. Cand. Tech. Sci.

Dissertation: "Development of a [illegible] Method for Concentration of [illegible]"
[illegible] of Fertilizers and Insecto-Fungicides, [illegible]

SO: Vechernyaya Moskva, [illegible]

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKAR'IN, K.I.

Expedient flow sheet for the regeneration of fluosilicic acid in the production of double superphosphate by a new method without acid consumption. Izv. vys. ucheb. zav.; khim. i khim. tekh. 6 no.3:440-444 '63. (MIRA 16:8)

1. Moskovskiy inzhenerno-ekonomicheskiy institut imeni S. Ordzhonikidze, kafedra khimicheskoy tekhnologii.
(Fluosilicic acids) (Phosphates)

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45

L 18230-63

ACCESSION NR: AP3005895 S/0153/63/006/003/0440/0444

AUTHOR: Makar'in, K. L.

TITLE: A suitable scheme for the regeneration of hydrofluosilicic acid in production of double superphosphate by a new method without acid consumption

SOURCE: IVUZ. Khimiya i khimicheskaya tekhnologiya, v. 6, no. 3, 1963, 440-444

TOPIC TAGS: Hydrofluosilicic acid, double superphosphate, regeneration process, phosphorus pentoxide

ABSTRACT: The cyclic process detailed involves the use of concentrated acid containing ca. 44% hydrofluosilicic acid, which is difficult to obtain. This difficulty can be overcome with the three-stage regeneration process illustrated in Figs. 2 and 3 of the Enclosure, in which there is almost no hydrolysis of silicon fluoride. With this method and the utilization of the heat of the gases emerging from the cyclone chamber for drying the solution and dehydrating the calcium silicofluoride, the consumption of fuel oil for producing 1 metric ton

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L 18230-63
ACCESSION NR: AP3005895

of assimilable phosphorus pentoxide in double superphosphate was reduced to 0.9 metric tons. Further testing is required to establish the optimal technologic parameters. Orig. art. has: 10 equations, 3 figures, 1 table.

ASSOCIATION: Moskovskiy inzhenerno-ekonomicheskiy institut im. S. Ordzhonikidze (Moscow Institute of Engineering Economics)

SUBMITTED: 17May62 DATE ACQ: 16Sep63 ENCL: 00

SUB CODE: CH NO REF SOV: 009 OTHER: 000

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Card

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BOROKHOV, I.M.; GANSHIN, A.S.; MAKAR'IN, N.M., inzh., red.; PROKOF'YEVA, L.G., red.izd-va; UVAROVA, A.F., tekhn.red.

[Fibrous and combined gland packings] Voloknistye i kombinirovannye sal'nikovye nabivki. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 181 p. (MIRA 12:12)
(Packing (Mechanical engineering))

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

YERMAKOV, I.A.; MAKARIN, P.P., inzh.

New developments in techniques. Tekst.prom. 20 no.5:59-62 My '60. (MIRA 13:8)

1. Zamestitel' glavnogo inzhenera Ramenskogo pryadil'no-tkatskogo kombinata "Krasnoye znamya" (for Yermakov).
(Spinning)

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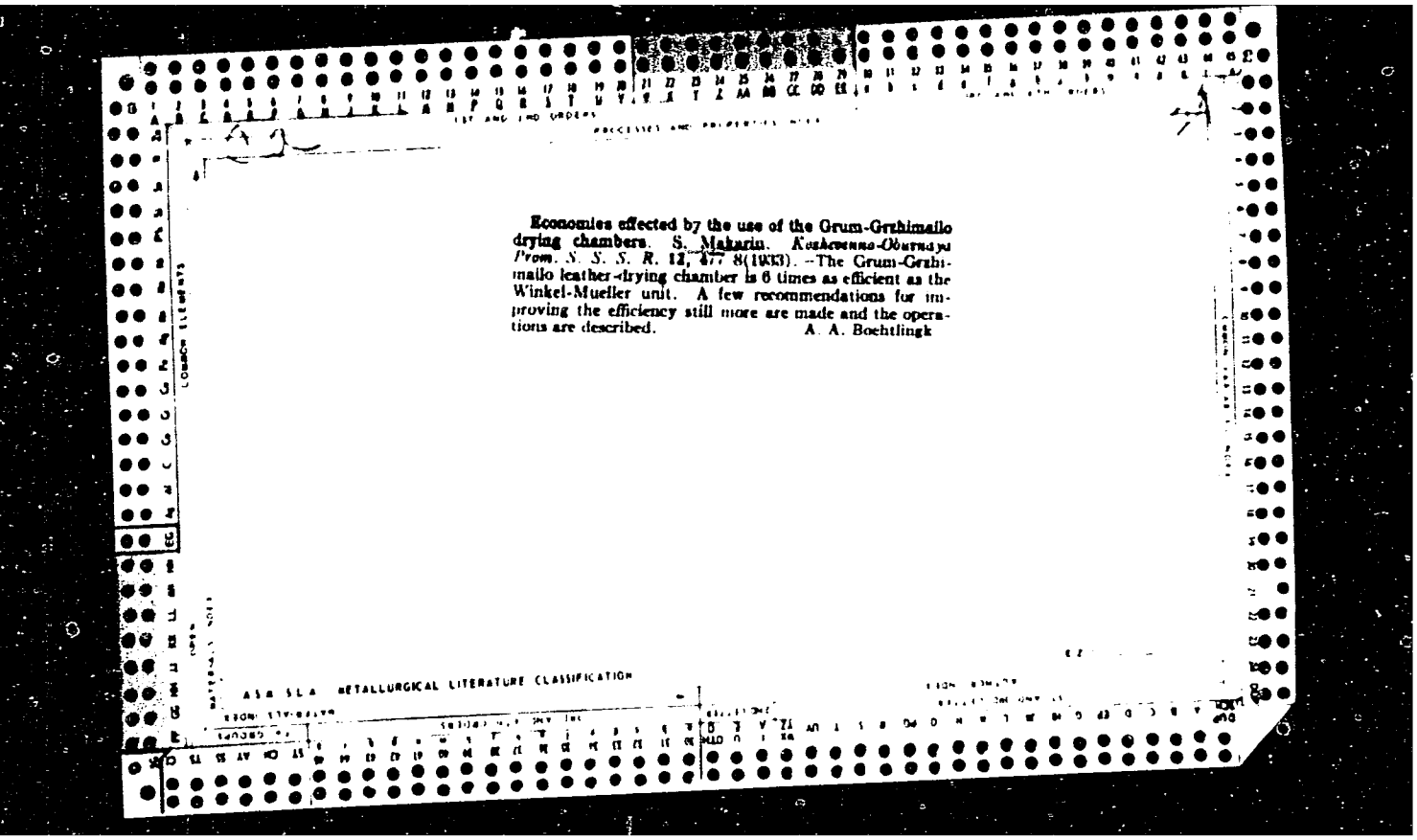

Economies effected by the use of the Grum-Grshimailo drying chambers. S. Makarin. *Кожевенно-Обувная Пром. S. S. S. R.* 12, 477 8(1933). —The Grum-Grshimailo leather-drying chamber is 6 times as efficient as the Winkel-Mueller unit. A few recommendations for improving the efficiency still more are made and the operations are described. A. A. Boehtlingk

ASM SLA METALLURGICAL LITERATURE CLASSIFICATION

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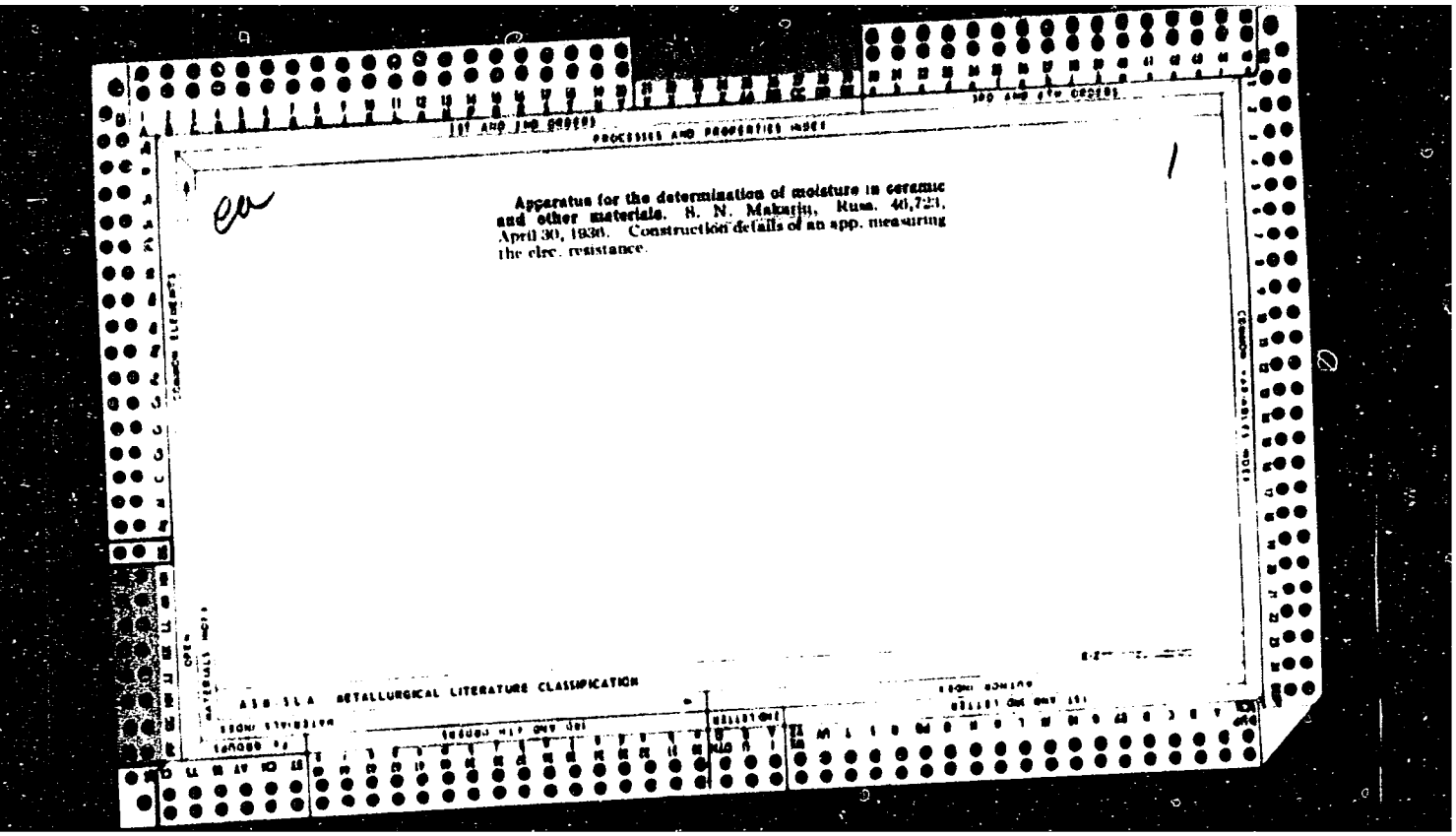

Apparatus for the determination of moisture in ceramic and other materials. S. N. Makarjin, Russ. 40,721, April 30, 1936. Construction details of an app. measuring the elec. resistance.

A58 51A METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1"

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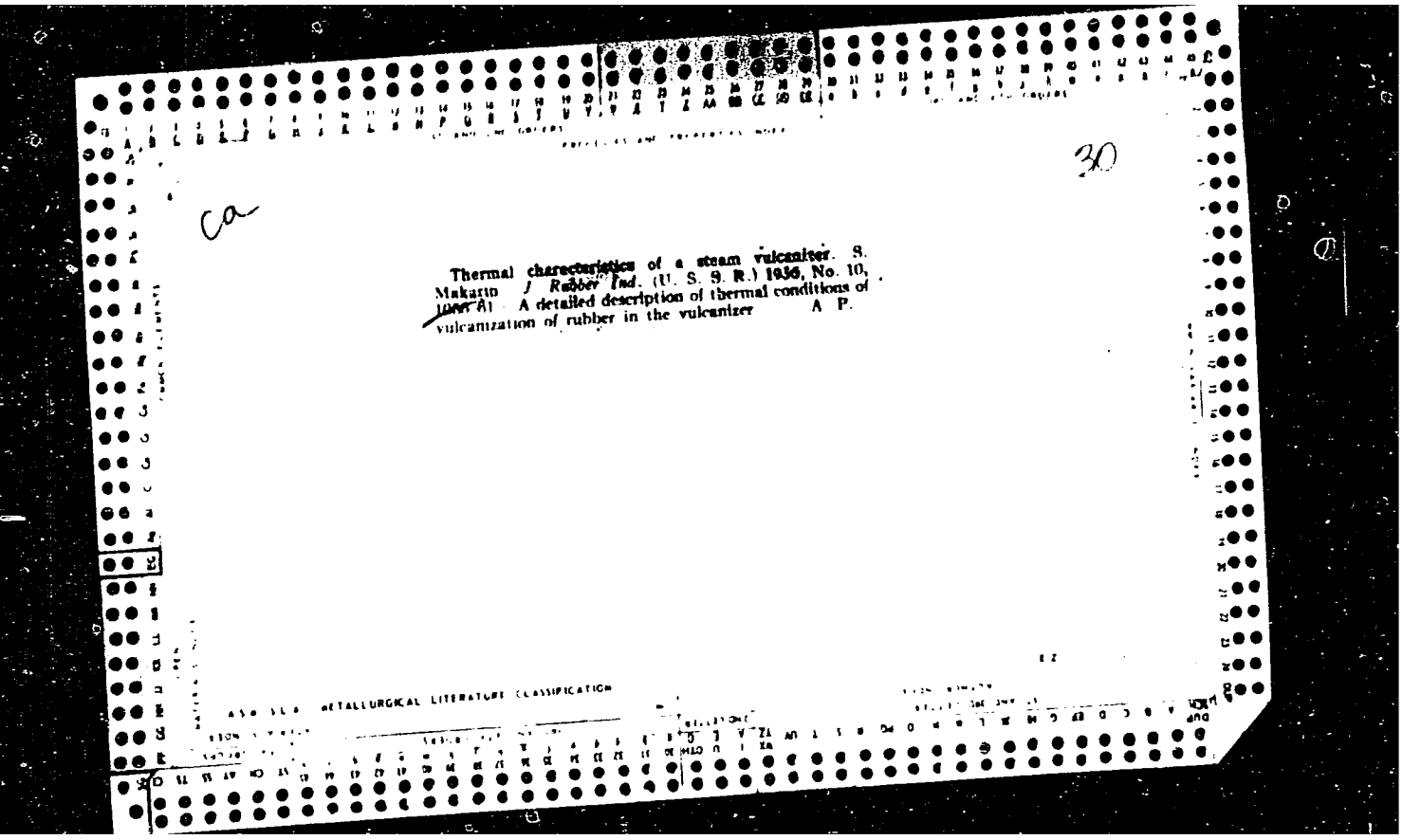

30

Ca

Thermal characteristics of a steam vulcanizer. S. Makarin. *J. Rubber Ind.* (U. S. S. R.) 1936, No. 10, 1065-81. A detailed description of thermal conditions of vulcanization of rubber in the vulcanizer. A. P.

METALLURGICAL LITERATURE CLASSIFICATION

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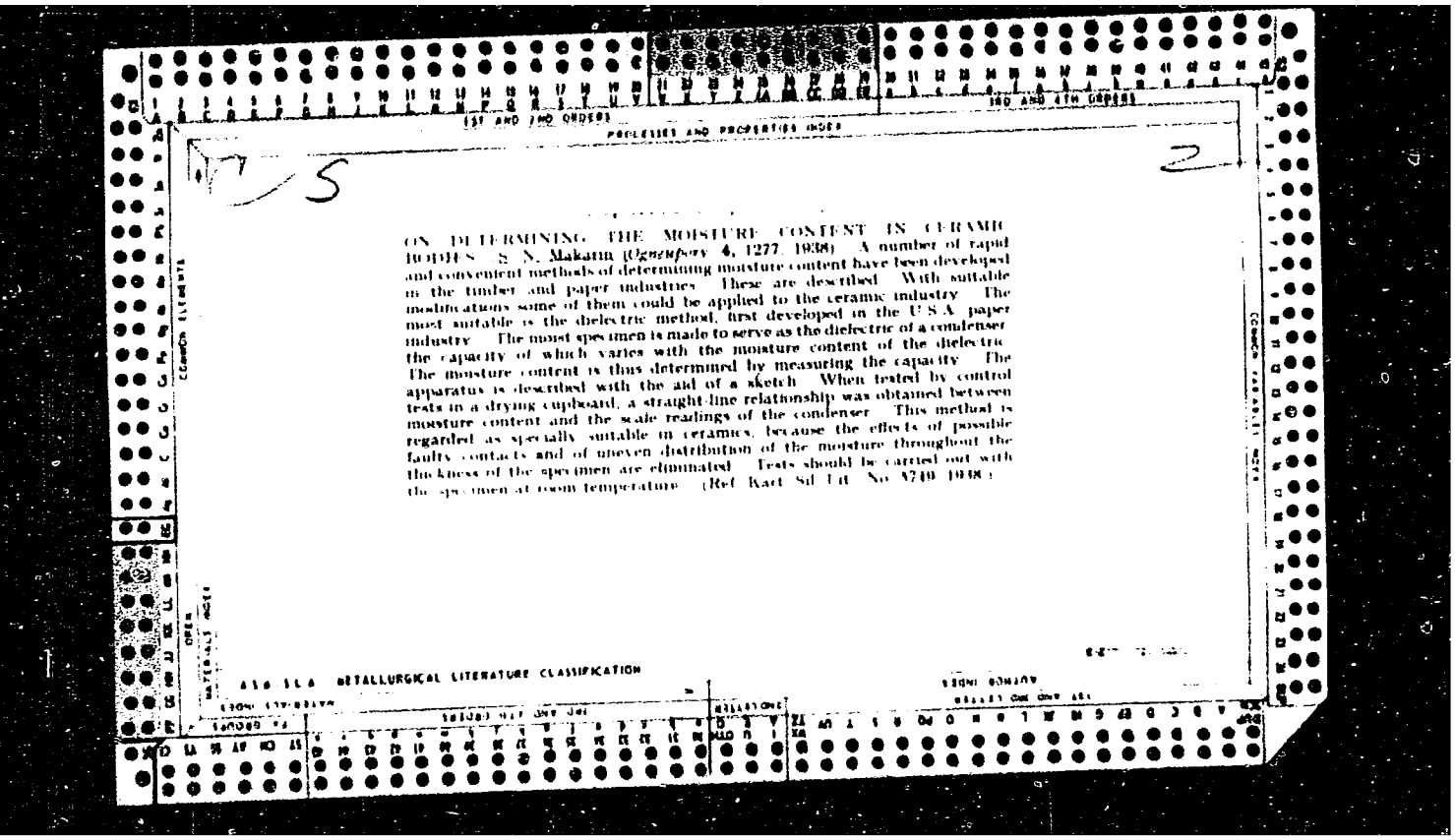

ON DETERMINING THE MOISTURE CONTENT IN CERAMIC BODIES. S. N. Makarin (*Ogneupory* 4, 1277 1938). A number of rapid and convenient methods of determining moisture content have been developed in the timber and paper industries. These are described. With suitable modifications some of them could be applied to the ceramic industry. The most suitable is the dielectric method, first developed in the U.S.A. paper industry. The moist specimen is made to serve as the dielectric of a condenser the capacity of which varies with the moisture content of the dielectric. The moisture content is thus determined by measuring the capacity. The apparatus is described with the aid of a sketch. When tested by control tests in a drying cupboard, a straight-line relationship was obtained between moisture content and the scale readings of the condenser. This method is regarded as specially suitable in ceramics, because the effects of possible faulty contacts and of uneven distribution of the moisture throughout the thickness of the specimen are eliminated. Tests should be carried out with the specimen at room temperature. (Ref. Kart. Sil. Lit. No. 4740 1938.)

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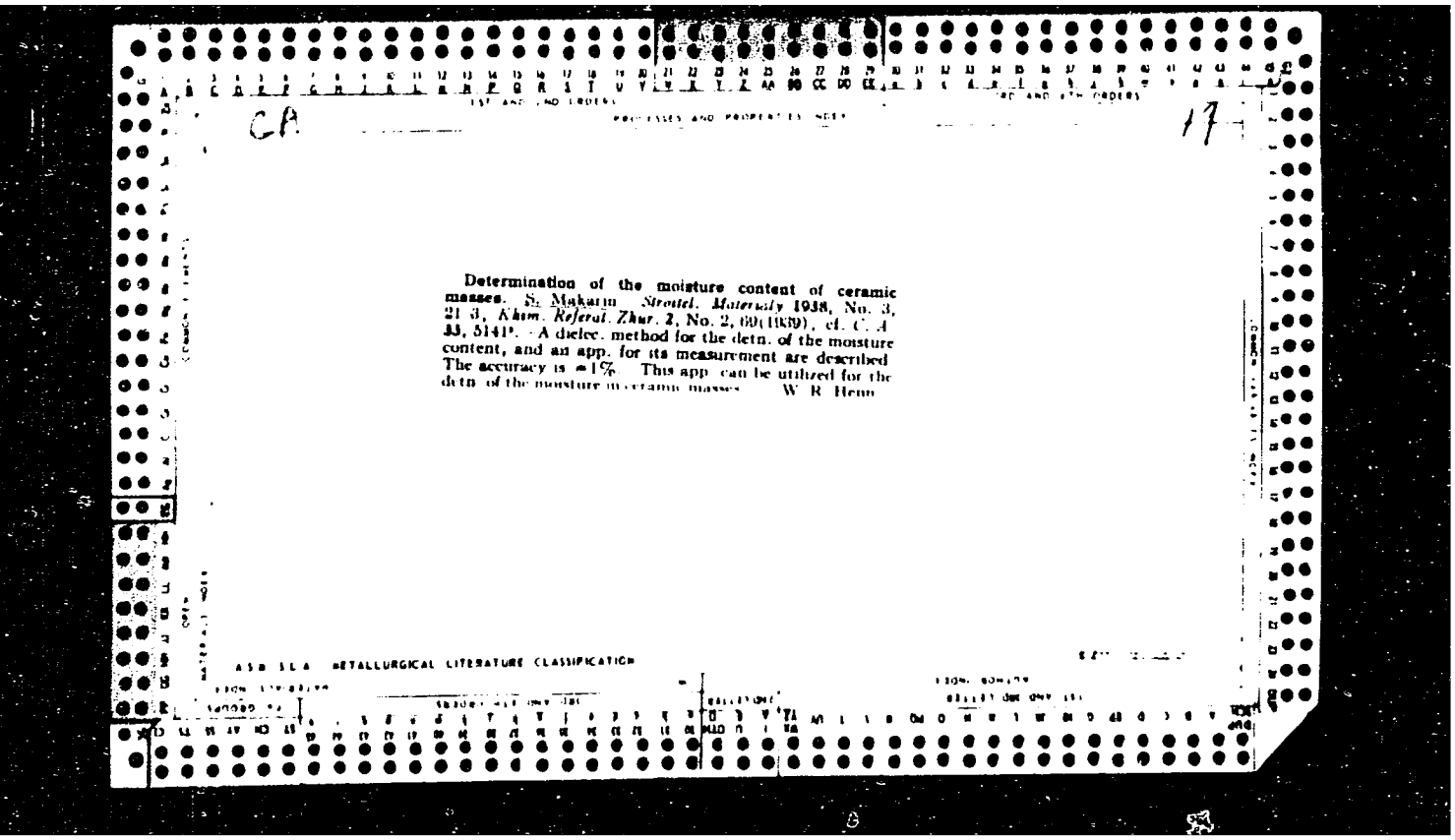

CA 17

Determination of the moisture content of ceramic masses. S. Makarin. *Stroitel. Materialy* **1938**, No. 3, 21-3; *Khim. Referat. Zhur.* **2**, No. 2, 60(1939); cf. *C. A.* **33**, 5141⁹. A dielec. method for the detn. of the moisture content, and an app. for its measurement are described. The accuracy is ±1%. This app. can be utilized for the detn. of the moisture in ceramic masses. W. R. Henn

ASB SLA METALLURGICAL LITERATURE CLASSIFICATION

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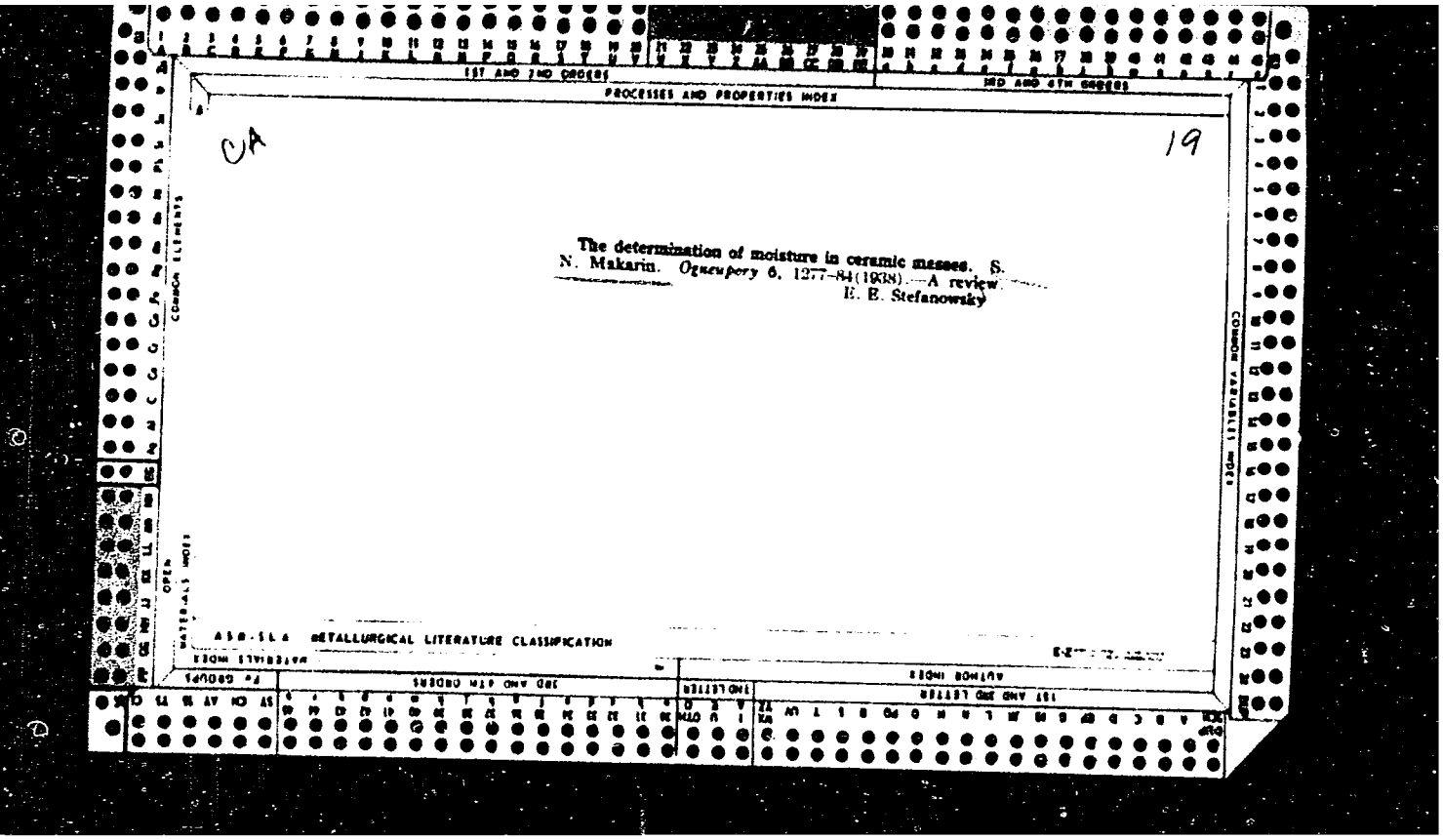

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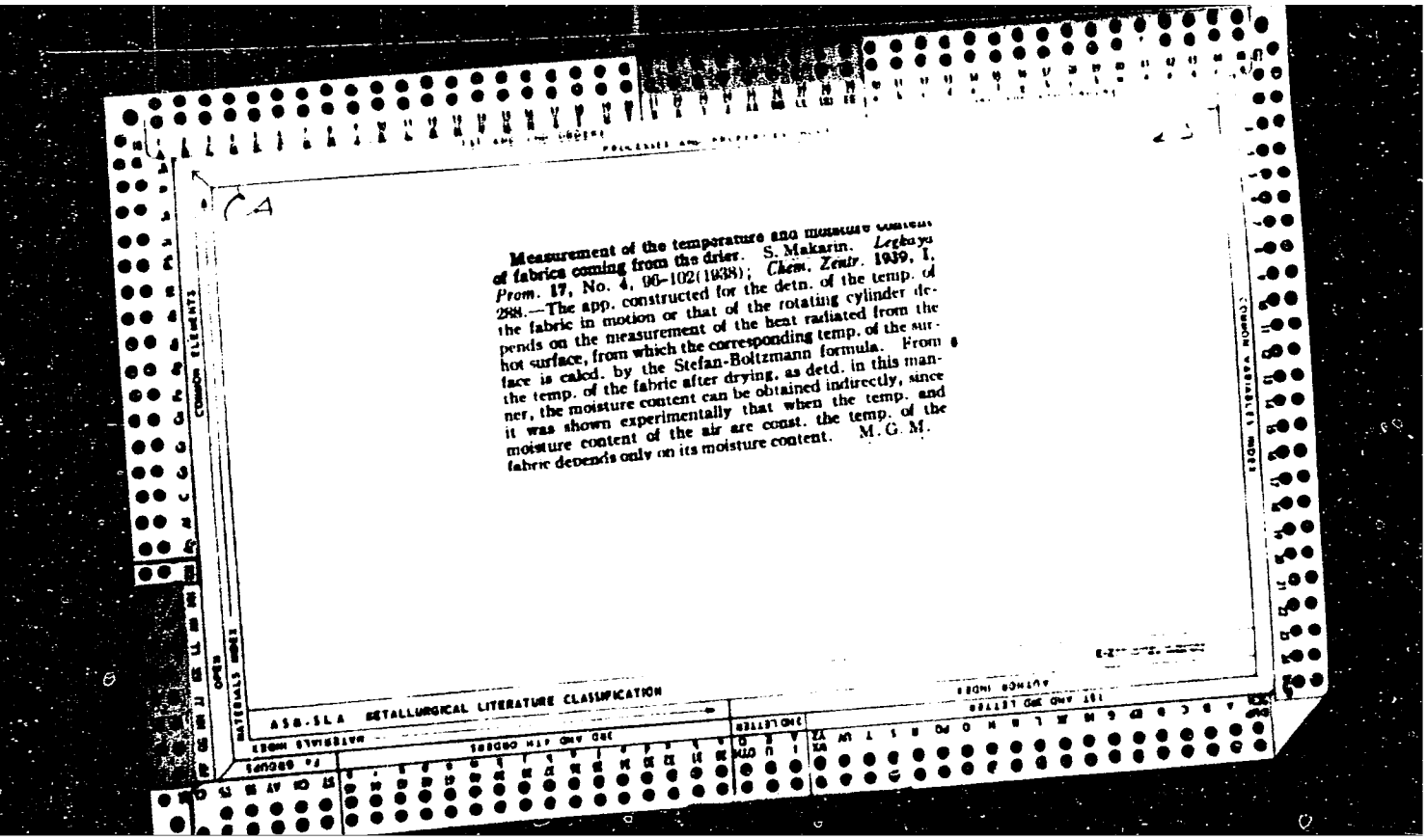

Measurement of the temperature and moisture content of fabrics coming from the drier. S. Makarin. *Legkaya Prom.* **17**, No. 4, 96–102(1938); *Chem. Zentr.* 1939, I, 288.—The app. constructed for the detn. of the temp. of the fabric in motion or that of the rotating cylinder depends on the measurement of the heat radiated from the hot surface, from which the corresponding temp. of the surface is calcd. by the Stefan-Boltzmann formula. From the temp. of the fabric after drying, as detd. in this manner, the moisture content can be obtained indirectly, since it was shown experimentally that when the temp. and moisture content of the air are const. the temp. of the fabric depends only on its moisture content. M. G. M.

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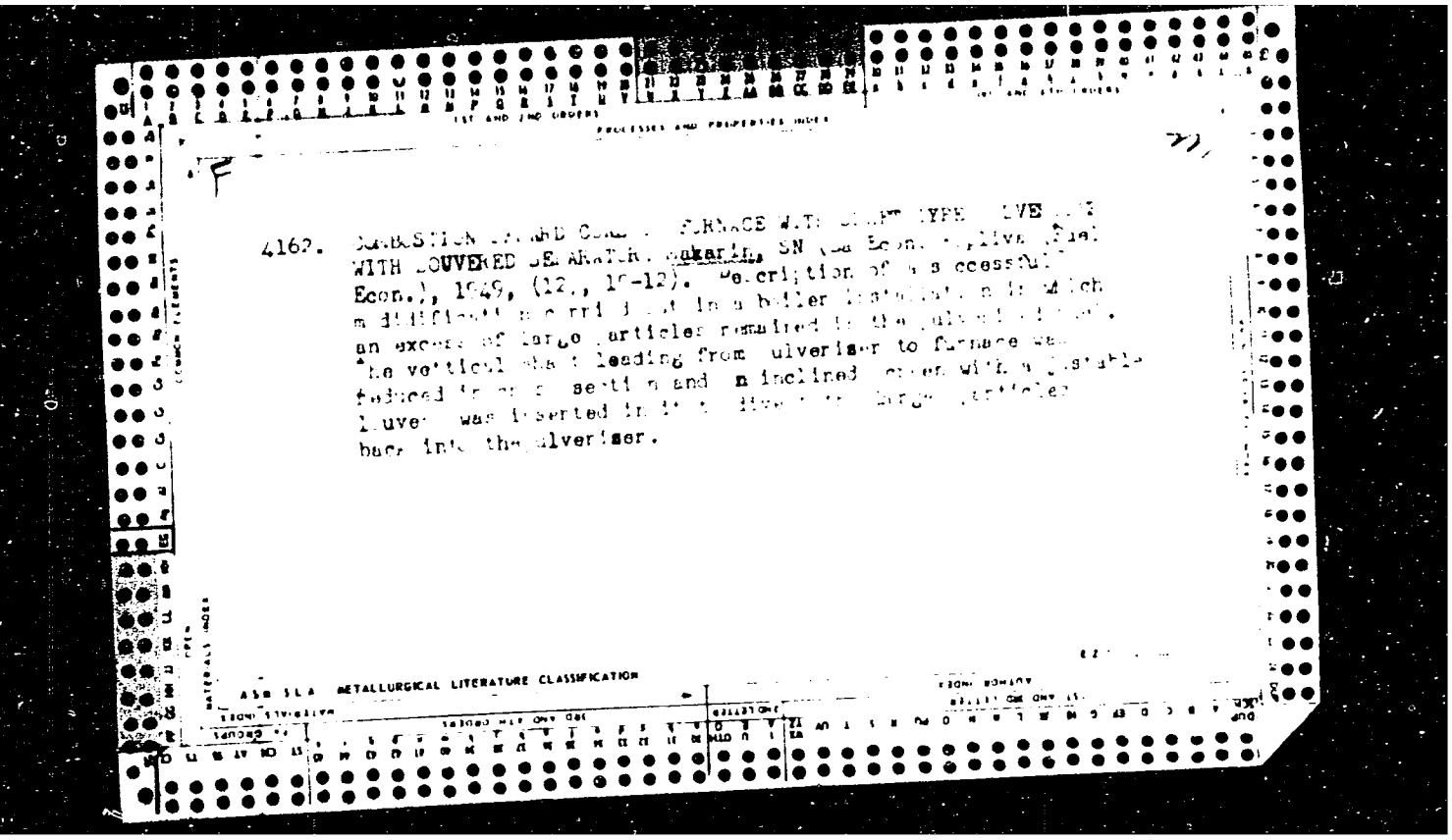
"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1



4162. COMBUSTION CHAMBER FURNACE WITH SLOPE TYPE LIVE ... WITH LOUVERED DEARATOR. Sukarin, SN (Sci. Econ. Archive [Inst. Econ.], 1949, (12., 1[illegible]-12). Description of a ... modification ... in a boiler ... which an excess of large articles remained in the ... The vertical shaft leading from ulveriser to furnace was reduced ... section and an inclined ... with a ... louver was inserted in the ... large articles back into the ulveriser.

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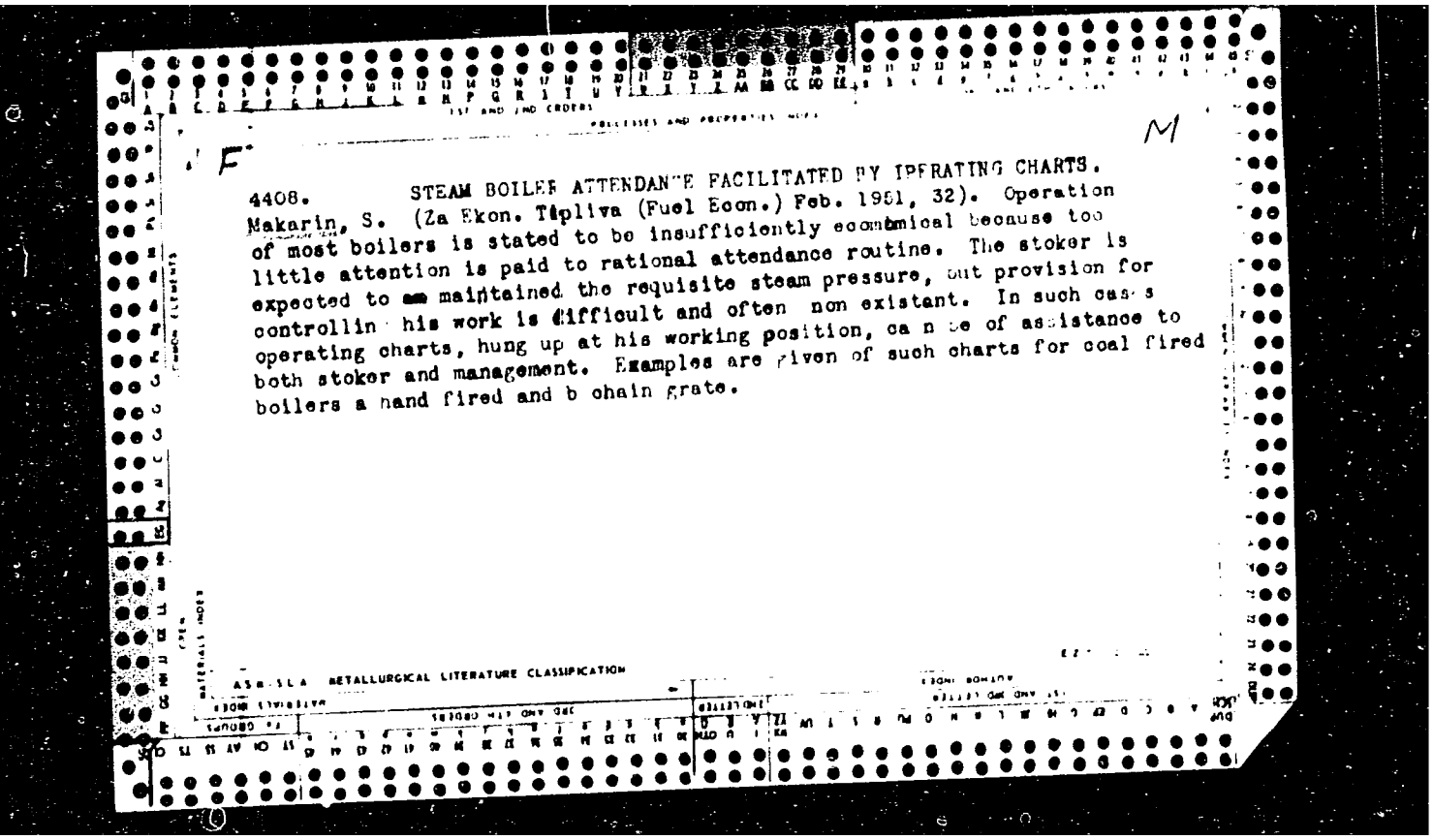
"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1



4408. STEAM BOILER ATTENDANCE FACILITATED BY OPERATING CHARTS.
Makarin, S. (Za Ekon. Tipliva (Fuel Econ.) Feb. 1951, 32). Operation of most boilers is stated to be insufficiently economical because too little attention is paid to rational attendance routine. The stoker is expected to maintained the requisite steam pressure, but provision for controllin his work is difficult and often non existant. In such cases operating charts, hung up at his working position, can be of assistance to both stoker and management. Examples are given of such charts for coal fired boilers a hand fired and b chain grate.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKARIN, S. N.

Steam Boilers

Competition of firemen in conserving fuel, Sakh. rom., 26, n. 5, 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952. UNCLASSIFIED.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKARIN, S.N., inzhener.

Improving the work of slag supports. Elek.sta. 24 no.7:49-50 Jl '53. (MLRA 6:7)
(Furnaces)

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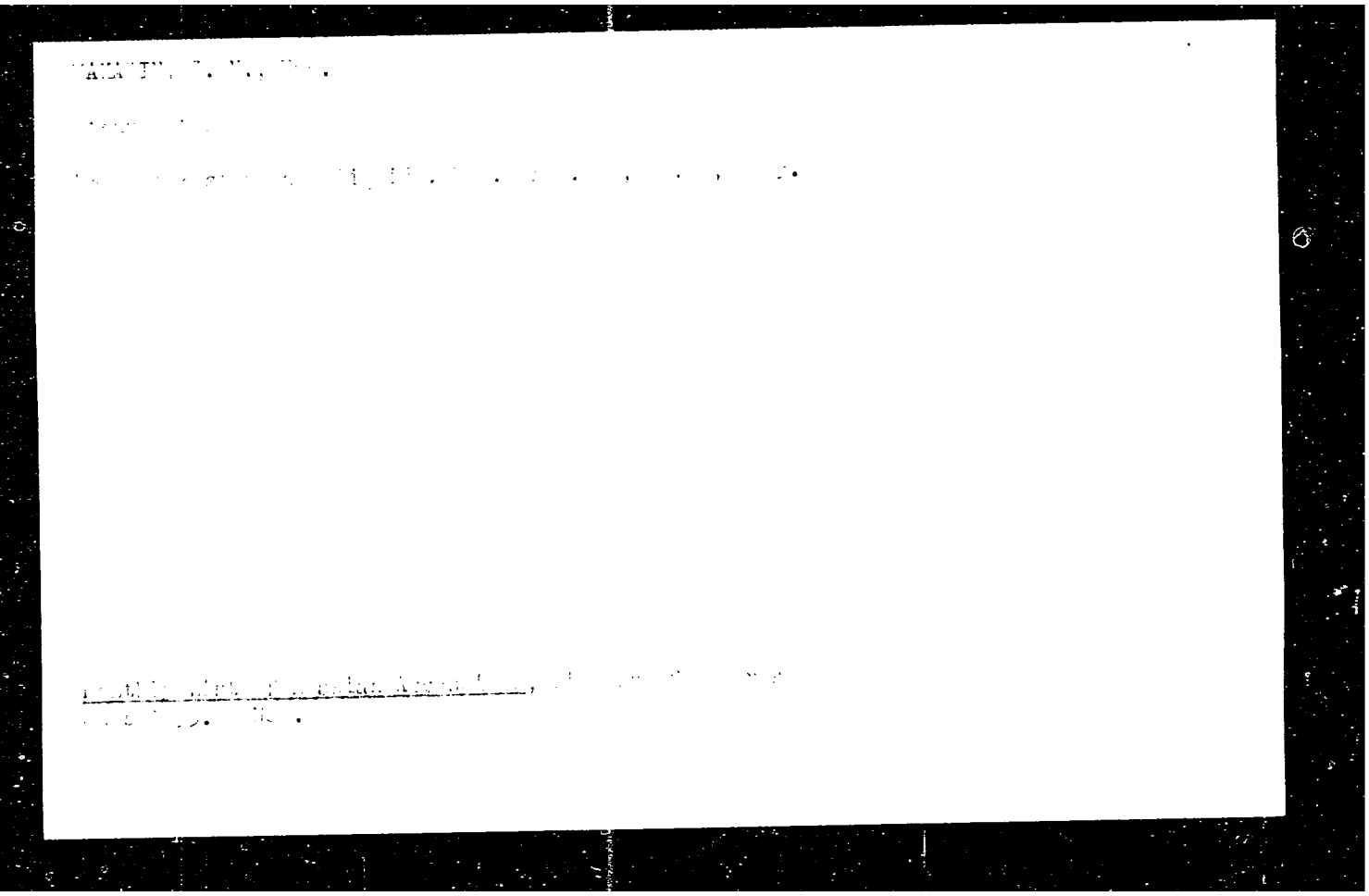

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKARIN, S.N., inzhener.

Substitution of steel crucibles for platinum steel. Bum. prom. 28 no.6: 25 Je '53. (MLRA 6:6)
(Crucibles)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKARIN, S.N., inzhener.

Ventilation of the paper-making machine room. Bum.prom. 28 no.11:28-29 N '53. (MLRA 6:11)
(Paper-making machinery)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKARIN, S.N., inzh.

Increasing the efficiency of roller dryers. Der.prom. 7 no.11:5-6 N '58. (MIRA 11:11)

1. Latgiproprom.
(Drying apparatus)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKAR'IN, V.K

CARD 1 / 2 PA - 1249

SUBJECT USSR / PHYSICS
AUTHOR BARKOV, L.M., MAKAR'IN, V.K., MUCHIN, K.N.
TITLE Measuring the Slowing Down of Neutrons in Water in the Energy Interval 1,46 - 0,025 eV.
PERIODICAL Atomaja Energija, 1, fasc. 3, 33-39 (1956)
Publ. 3 / 1956 reviewed 9 / 1956

The present work deals with the experimental determination (by means of an indium detector) of the values of the cross section of the slowing-down length $\tau_{1,46\ eV}$ up to the resonance energy of E_p=1,46 eV, of the migration surface $M^2=\tau_{0,025\ eV}+L^2$, and of the diffusion length L of thermal neutrons, which characterize the slowing down and the diffusion of photoneutrons of the source Sb+Be (E_o=30 keV) in water. Furthermore, the amount of $\Delta\tau_{(1,46\ eV\ -\ 0,025\ eV)} = M^2 - L^2 - \tau_{1,46\ eV}$ is determined. The density distribution of thermal and resonance neutrons was measured in an 80x100 cm vessel. When measuring τ of neutrons with a low initial energy (30 keV) it is necessary to determine the distance between source and detector with accuracy. The density $\varrho_{In-Cd}(r)$ of the resonance neutrons was measured with caskets of sheet-cadmium (0,6 mm thickness), and the density of thermal neutrons with caskets of stainless steel. Transition coefficients were determined by comparing the activation of foils of different sizes with a device with reduced background.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

Atomaja Energija, 1, fasc.3, 33-39 (1956) CARD 2 / 2

For the large source with an output of $\sim 10^6$ neutrons it is true that $\tau = (1/6) \int_0^{18} r^4 \varrho(r)dr / \int_0^{18} r^2 \varrho(r)dr = 5,65$ cm^2, and for the small source with 10^5 neutrons/sec it applies that 5,27 $\pm$ 0,04 cm^2. Finally, the expression $\tau = (1/6) \int_0^{\infty} r^4 \varrho(r)dr / r^2 \varrho(r)dr$ was found by extrapolation, which amounts to 5,66 $\pm$ 0,04 cm^2 and 5,28 $\pm$ 0,04 cm^2 in the case of the large and small source respectively. Because of the other resonances of indium at E=3,9 eV and E=9,1 eV the experimentally determined τ is somewhat too low; the correction is computed to amount to 0,2$\pm$0,1 cm^2. Thus, $\tau_{1,46\ eV}$=5,86$\pm$0,15 cm^2 (and 5,48$\pm$0,15cm^2) was found for the large (and small) source respectively.

The density distribution $\varrho_T(r)$ of the thermal neutrons was determined by measuring the dependence of the activation of the indium foil on the distance to the source. For the correct determination of M^2 the activity due to resonance neutrons and neutrons with medium energy must be deducted from the total activity of the indium. M^2 = 14,13 $\pm$ 0,25 cm^2 and 13,64 $\pm$ 0,25 cm^2 is found for the large and small source respectively. Finally L^2 = 7,18 $\pm$ 0,11 cm^2 was found for the large source. From these data there follows:

$\Delta\tau_{(1,46-0,025\ eV)}$ = 1,1$\pm$0,5 cm^2 and 1,0$\pm$0,5 cm^2 for the large and small source respectively. In conclusion these results are discussed.

INSTITUTION:

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BARKOV, L.M.; MAKAR'IN, V.K.; MUKHIN, K.N.

Moderation of fission neutrons by uranium-water lattices. (MIRA 9:9)
Atom.energ. no.3:40-44 '56.
(Fission products) (Neutrons) (Nuclear reactors)

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SOV/21-59-1-11/22

14(6)

AUTHOR: Makarin, S., Engineer

TITLE: Operation of a Steam Boiler Fired with Shale Rubble (Rabota parovogo kotla na slantsevoy melochi)

PERIODICAL: Energetik, 1959, Nr 1, pp 8-9 (USSR)

ABSTRACT: The author describes the operation of type TS-20 Boiler, produced by the Taganrog Boiler Plant (Taganrogskiy kotel'nyy zavod), which was modified in one of the Estonian Sovnarkhozes for firing with third-grade shale rubble containing 18% combustible parts. It is equipped with the Lomshakov-Krul' type stoker for layer-burning of shale and its continuous transport to the slag chamber. Nominal steam rating of the boiler is 12.6 ton/hour and can be increased up to 25 ton/hour; furnace efficiency is 78%. There is 1 diagram and 1 table.

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MAKARIN, S.N.; KHANCHIN, V.K.

Pneumatic tube transportation of wood wastes without the use of a cyclone. Der. prom. 8 no.10:24 O '59. (MIRA 12:12)
(Pneumatic tube transportation)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420018-1

MAKARIN, S.N., inzh.

Heat-recovery units of paper machines. Bum.prom. 34 no.2:7-8 F '59. (MIRA 12:4)
(Papermaking machinery) (Heat regenerators)

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